



NF- κ B

Signal Pathway

 **USA:** 1-631-559-9269 1-516-512-3133

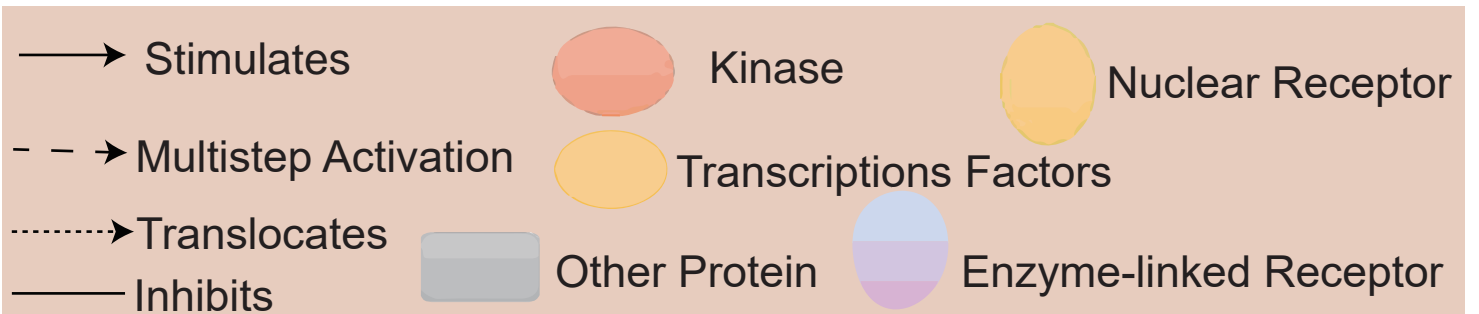
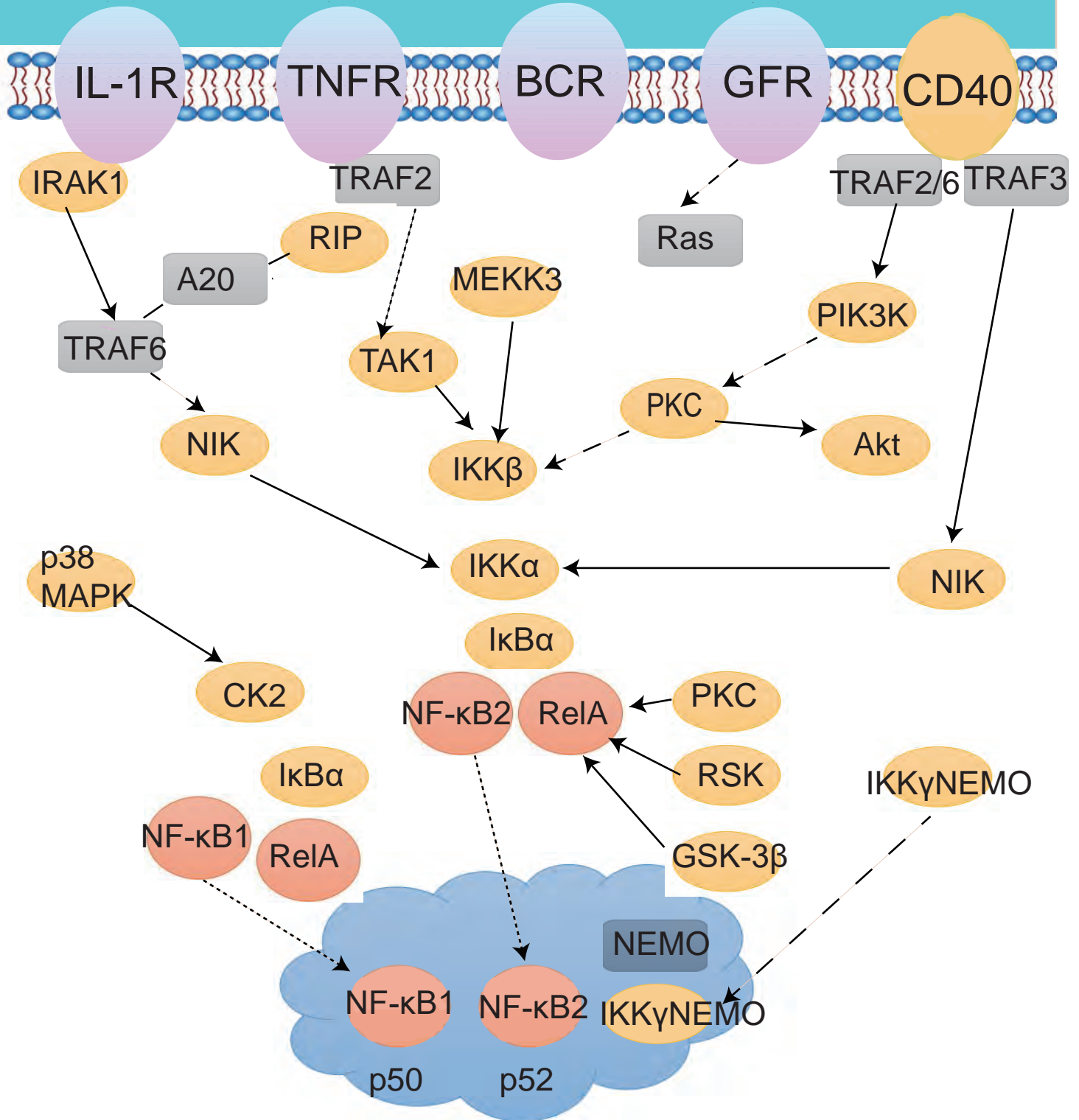
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NF-κB Signal Pathway



NF- κ B Signal Pathway

NF- κ B is a protein complex that controls transcribed DNA, cytokine production, and cell survival. NF- κ B is present in almost all animal cell types and is involved in cell responses to stimuli, such as stress, cytokines, free radicals, heavy metals, ultraviolet radiation, oxidized LDL, and bacterial or viral antigens. NF- κ B plays a key role in regulating the immune response to infection. Incorrect regulation of NF- κ B is associated with cancer, inflammation and autoimmune diseases, septic shock, viral infection and improper immune development. NF- κ B is also associated with synaptic plasticity and memory processes.

Activation process (canonical/classical)

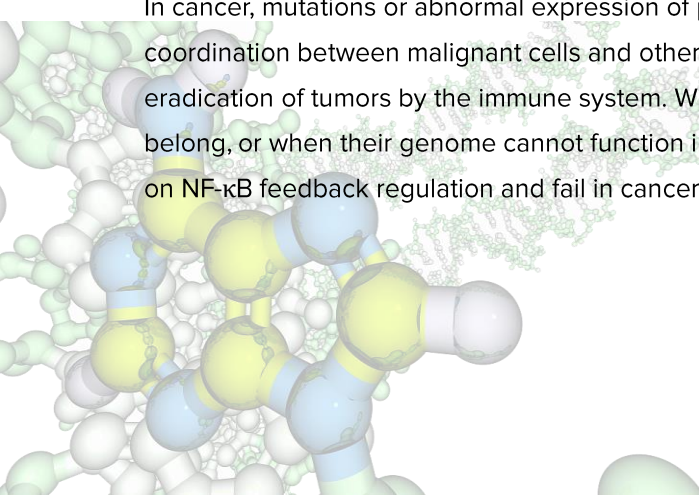
When the inflammatory factor tumor necrosis factor α /interleukin 1/phorbol ester/lipopolysaccharide binds to related receptors, it causes the latter to change its configuration, and then activates I κ Ba kinase, which can phosphorylate I κ Ba and then ubiquitin ligase. Under the action of P-TrCP, ubiquitination can be recognized and degraded by 26S proteasome. NF- κ B is then released from the cytoplasmic NF- κ B/I κ Ba complex, and activates and exposes the nuclear localization domain to form p50/RelA dimers, which rapidly undergo nuclear translocation and react with the eB of the target gene through the p50 subunit. The elements are combined to start the expression of target genes such as tumor necrosis factor α and interleukin 1, and the activity level of the NF- κ B signaling pathway in the cell can reach a peak in about 5 minutes. Protein kinase G/protein kinase C can also activate I κ Ba kinase and NF- κ B.

Non-canonical/alternate pathway

Under the induction of tumor necrosis factor receptor TNFR family ligands, such as CD40L, B cell tumor necrosis factor activating factor, etc., the corresponding receptor is activated, which can promote the activation of NF- κ B-induced mitogen protein kinase, and then make the protein Phosphorylation of kinase IKK α causes NF- κ Bp100 to be phosphorylated and degraded to form NF- κ Bp52/RelB heterodimer, then NF- κ Bp105 is phosphorylated to form NF- κ Bp50/RelB heterodimer into the nucleus to regulate the transcription of target genes. CD40L can also activate the classic pathway activated by the NF- κ B signaling pathway.

Clinical significance

In cancer, mutations or abnormal expression of proteins that control NF- κ B signaling lead to defects in coordination between malignant cells and other organisms. This is evident in metastasis and ineffective eradication of tumors by the immune system. When normal cells are removed from the tissue to which they belong, or when their genome cannot function in coordination with tissue function, they die: these events rely on NF- κ B feedback regulation and fail in cancer.



Featured Protein Products Related to NF- κ B Signal Pathway

Group	Cat.No.	Product Name	Tag	Species	Source
IRAK1	IRAK1-869H	Recombinant Human IRAK1 protein, His-tagged	His	Human	Insect cell
	IRAK1-27500TH	Recombinant Human IRAK1	N/A	Human	Wheat Germ
	IRAK1-5056H	Recombinant Human IRAK1 Protein, GST-tagged	GST	Human	Wheat Germ
TRAF2	TRAF2-1500H	Recombinant Human TRAF2 Protein, GST-tagged	GST	Human	Insect cell
	TRAF2-31601TH	Recombinant Human TRAF2, His-tagged	His	Human	
TANK	TANK-1531H	Recombinant Human TANK Protein (1-119 aa), His-tagged	His	Human	Yeast
	TANK-31443TH	Recombinant Human TANK	N/A	Human	E.coli
	TANK-7244H	Recombinant Human TANK, His-tagged	His	Human	E.coli
RRAS2	RRAS2-1962H	Recombinant Human RRAS2 Protein, MYC/DDK-tagged	Myc/DDK	Human	HEK293
	RRAS2-2443H	Recombinant Human RRAS2, GST-tagged	GST	Human	E.coli
	RRAS2-29988TH	Recombinant Human RRAS2, His-tagged	His	Human	E.coli
	RRAS2-30472TH	Recombinant Human RRAS2	N/A	Human	E.coli
RIPK2	RIPK2-5564H	Recombinant Human RIPK2 Protein, His-tagged	His	Human	E. coli
	RIPK2-5565H	Recombinant Human RIPK2, GST-tagged	GST	Human	Wheat Germ
	RIPK2-29983TH	Recombinant Human RIPK2	N/A	Human	
	RIPK2-532H	Recombinant Human RIPK2, MYC/DDK-tagged	Myc/DDK	Human	HEK293
	RIPK2-711H	Recombinant Human RIPK2, GST-His	GST	Human	Sf9 Insect Cell
TRAF6	TRAF6-3144H	Recombinant Human TRAF6 Protein, His-tagged	His	Human	E.coli
	TRAF6-3146H	Recombinant Human TRAF6 Protein, MYC/DDK-tagged	Myc/DDK	Human	HEK293
	TRAF6-3147H	Recombinant Human TRAF6 Protein, His-SUMO-tagged	His/SUMO	Human	E.coli
	TRAF6-31603TH	Recombinant Human TRAF6 protein, GST-tagged	GST	Human	Wheat Germ

Group	Cat.No.	Product Name	Tag	Species	Source
NR2C2	NR2C2-1089H	Recombinant Human NR2C2 protein, His & T7-tagged	HisIT7	Human	E.coli
	NR2C2-6079H	Recombinant Human NR2C2 Protein, GST-tagged	GST	Human	Wheat Germ
MAP3K2	MAP3K2-1258H	Recombinant Human Mitogen-Activated Protein Kinase Kinase Kinase 2, GST-tagged	GST	Human	Insect Cell
	MAP3K2-30191TH	Recombinant Human MAP3K2	N/A	Human	
	MAP3K2-351H	Recombinant Human MAP3K2, GST-tagged, Active	GST	Human	Sf9 Insect Cell
MAP3K3	MAP3K3-352H	Recombinant Human MAP3K3, GST-tagged, Active	GST	Human	Sf9 Insect Cell
	MAP3K3-735H	Recombinant Human MAP3K3 Protein, His-tagged	His	Human	E.coli
PIK3CA; PIK3R1	PIK3CA/PIK3R1-389H	Recombinant Human PIK3CA/PIK3R1, His-tagged, Active	His	Human	Sf9 Insect Cell
	PIK3CA/PIK3R1-631H	Recombinant Human PIK3CA/PIK3R1, FLAG-tagged	Flag	Human	Sf9 Insect Cell
	PIK3CA/PIK3R1-641H	Recombinant Human PIK3CA/PIK3R1	N/A	Human	Insect Cell
PIK3CB; PIK3R1	PIK3CB/PIK3R1-391H	Recombinant Human PIK3CB/PIK3R1, His-tagged, Active	His	Human	Sf9 Insect Cell
	PIK3CB/PIK3R1-632H	Recombinant Human PIK3CB/PIK3R1, FLAG-tagged	Flag	Human	Sf9 Insect Cell
PIK3R1	PIK3R1-4934H	Recombinant Human PIK3R1 Protein, His-tagged	His	Human	Insect cells
	PIK3R1&Pik3ca-155H	Recombinant Human PIK3CA and Mouse Pik3ca protein, His-tagged, Active	His	Human	Insect Cell
	PIK3R1&PIK3CD-157H	Recombinant Human PIK3R1/PIK3CD protein, His-tagged, Active	His	Human	Insect Cell
	PIK3R1-1079H	Recombinant Human PIK3R1, His-tagged	His	Human	Sf9 Insect Cell
	PIK3R1-29588TH	Recombinant Human PIK3R1, His-tagged	His	Human	
	PIK3R1-315H	Recombinant Human PIK3R1 protein, His/MBP-tagged	HisIMBP	Human	E.coli
	PIK3R1-316H	Recombinant Human PIK3R2 protein, His/MBP-tagged	HisIMBP	Human	E.coli

Group	Cat.No.	Product Name	Tag	Species	Source
PIK3CA	PIK3CA&PIK3R1-150H	Recombinant Human PIK3CA(E545K)/PIK3R1 protein, His-tagged, Active	His	Human	Insect Cell
	PIK3CA&PIK3R1-151H	Recombinant Human PIK3CA(N345K)/PIK3R1 protein, His-tagged, Active	His	Human	Insect Cell
	PIK3CA&PIK3R1-152H	Recombinant Human PIK3CA(E542K)/PIK3R1 protein, His-tagged, Active	His	Human	Insect Cell
	PIK3CA&PIK3R1-153H	Recombinant Human PIK3CA/PIK3R1 protein, GST-tagged, Active	GST	Human	Insect Cell
	PIK3CA&PIK3R1-154H	Recombinant Human PIK3CA/PIK3R1 protein, His-tagged, Active	His	Human	Insect Cell
	PIK3CA&PIK3R3-152H	Recombinant Human PIK3CA/PIK3R3 protein, His-tagged, Active	His	Human	Insect Cell
	PIK3CA-1894H	Recombinant Human PI3 kinase (p110 α /p85 α) protein, GST-tagged	GST	Human	Insect Cell
	PIK3CA-70H	Recombinant Human PIK3CA protein, Flag-tagged, Biotinylated	Flag	Human	Insect Cell
PIK3CA; PIK3R1	PIK3CA/PIK3R1-389H	Recombinant Human PIK3CA/PIK3R1, His-tagged, Active	His	Human	Sf9 Insect Cell
	PIK3CA/PIK3R1-631H	Recombinant Human PIK3CA/PIK3R1, FLAG-tagged	Flag	Human	Sf9 Insect Cell
	PIK3CA/PIK3R1-641H	Recombinant Human PIK3CA/PIK3R1	N/A	Human	Insect Cell
PIK3CB	PIK3CB&PIK3R1-155H	Recombinant Human PIK3CB/PIK3R1 protein, His-tagged, Active	His	Human	Insect Cell
	PIK3CB&PIK3R2-156H	Recombinant Human PIK3CB/PIK3R2 protein, His-tagged, Active	His	Human	Insect Cell
	PIK3CB-1724H	Recombinant Human PIK3CB protein, His-tagged	His	Human	E.coli
	PIK3CB-214H	Recombinant Human PIK3CB	N/A	Human	Sf9 Insect Cell
PIK3CB; PIK3R1	PIK3CB/PIK3R1-391H	Recombinant Human PIK3CB/PIK3R1, His-tagged, Active	His	Human	Sf9 Insect Cell
	PIK3CB/PIK3R1-632H	Recombinant Human PIK3CB/PIK3R1, FLAG-tagged	Flag	Human	Sf9 Insect Cell

Group	Cat.No.	Product Name	Tag	Species	Source
PIK3CD	PIK3CD-1727H	Recombinant Human PIK3CD protein, His & T7-tagged	HisIT7	Human	E.coli
	PIK3CD-1896H	Recombinant Human Phosphoinositide-3-Kinase, Catalytic, Delta Polypeptide, His-tagged	His	Human	Sf9 Insect Cell
	PIK3CD-29587TH	Recombinant Human PIK3CD	N/A	Human	
	PIK3CD-52H	Recombinant Human PIK3CD, GST-tagged	GST	Human	Sf9 Insect Cell
PIK3CG	PIK3CG-1080H	Recombinant Human Phosphoinositide-3-Kinase, Catalytic, His-tagged	His	Human	Sf9 Insect Cell
	PIK3CG-158H	Recombinant Human PIK3CG protein, His-tagged, Active	His	Human	Insect Cell
	PIK3CG-31759TH	Recombinant Human PIK3CG & PIK3R5 protein	N/A	Human	Insect Cell
	PIK3CG-524H	Recombinant Human PIK3CG	His	Human	Mammalian Cell
	PIK3CG-53H	Recombinant Human PIK3CG, His-tagged	His	Human	Sf9 Insect Cell
	PIK3CG-55H	Recombinant Human PIK3CG, GST-tagged	GST	Human	Sf9 Insect Cell
AKT1	AKT1-14H	Recombinant Human AKT1 Protein, His-tagged	His	Human	Insect Cell
	AKT1-336H	Recombinant Human AKT1 protein, His/Strep-tagged	His/Strep	Human	HEK293
	AKT1-101H	Recombinant Human AKT1, GST-tagged	GST	Human	Sf9 Insect Cell
	AKT1-156H	Recombinant Human AKT1 protein, MYC/DDK-tagged	Myc/DDK	Human	HEK293
	AKT1-307H	Recombinant Human AKT1 protein, His/MBP-tagged	His/MBP	Human	E.coli
	AKT1-30H	Recombinant Human AKT1 protein, Flag-tagged, Biotinylated	Flag	Human	Insect Cell
	AKT1-420H	Recombinant Human AKT1 Protein, GST-His tagged	GST/His	Human	Insect Cell
	AKT1-421H	Recombinant Human AKT1 Protein, His-tagged	His	Human	Insect Cell
AKT2	AKT2-102H	Recombinant Human AKT2, GST-tagged, Active	GST	Human	Sf9 Insect Cell
	AKT2-165H	Recombinant Human AKT2, His-tagged	His	Human	Insect Cell

Group	Cat.No.	Product Name	Tag	Species	Source
	AKT2-1841H	Recombinant Human AKT2 protein, His & T7-tagged	HisIT7	Human	E.coli
	AKT2-248H	Recombinant Human AKT2 Protein, His & GST-tagged	HisIGST	Human	Insect Cell
	AKT2-31H	Recombinant Human AKT2 protein, Flag-tagged, Biotinylated	Flag	Human	Insect Cell
	AKT2-424H	Recombinant Human AKT2 Protein, GST-His tagged	GSTIHis	Human	Insect Cell
AKT3	AKT3-131H	Recombinant Human AKT3, GST tagged	GST	Human	Insect Cell
	Akt3-159H	Recombinant Human Akt3, His-tagged	His	Human	E.coli
	AKT3-166H	Recombinant Human AKT3, His-tagged	His	Human	E.coli
	AKT3-26H	Recombinant Human AKT3 (E17K), GST-tagged	GST	Human	Sf9 Insect Cell
	AKT3-308H	Recombinant Human AKT3 protein, His/MBP-tagged	HisIMBP	Human	E.coli
	AKT3-804H	Recombinant Human AKT3 protein, GST-His-tagged	GSTIHis	Human	Insect Cell
MAP3K14	MAP3K14-01H	Recombinant Human MAP3K14 Protein, GST&His-tagged	GST-His	Human	Insect
	MAP3K14-894H	Recombinant Human MAP3K14 Protein, His/GST-tagged	His&GST	Human	Insect cell
	MAP3K14-1065	Recombinant Human MAP3K14 protein, GST-tagged	GST	Human	Insect Cell
MAP4K4	MAP4K4-1042H	Recombinant Human Mitogen-Activated Protein Kinase Kinase Kinase Kinase 4, GST-tagged	GST	Human	Sf9 Insect Cell
	MAP4K4-27603TH	Recombinant Human MAP4K4	N/A	Human	Insect Cell
PRRT2	PRRT2-5035H	Recombinant Human PRRT2, His-tagged	His	Human	E.coli
CSNK2A2	CSNK2A2-2009H	Recombinant Human CSNK2A2 Protein, GST-His-tagged	GSTIHis	Human	Insect Cell
	CSNK2A2-2010H	Recombinant Human CSNK2A2 Protein, GST-tagged	GST	Human	Wheat Germ
	CSNK2A2-27169TH	Recombinant Human CSNK2A2, MBP-tagged	MBP	Human	E.coli
	CSNK2A2-28000TH	Recombinant Human CSNK2A2	N/A	Human	Sf9 Insect Cell

Group	Cat.No.	Product Name	Tag	Species	Source
	CSNK2A2-3359H	Recombinant Human CSNK2A2 Protein, MYC/DDK-tagged	Myc/DDK	Human	HEK293
	CSNK2A2-468H	Recombinant Human CSNK2A2, Gly & Pro tagged	Fc	Human	Insect Cell
RPS6KA1	RPS6KA1-1934H	Recombinant Human RPS6KA1 protein, His & T7-tagged	His/T7	Human	E.coli
	RPS6KA1-2432H	Recombinant Human RPS6KA1, GST-tagged	GST	Human	E.coli
	RPS6KA1-550H	Recombinant Human RPS6KA1	His	Human	Mammalian Cell
	RPS6KA1-555H	Recombinant Human RPS6KA1, GST-tagged	GST	Human	Sf9 Insect Cell
RPS6KA3	RPS6KA3-153H	Recombinant Human RPS6KA3, GST-tagged	GST	Human	Sf9 Insect Cell
	RPS6KA3-398H	Recombinant Human RPS6KA3	His	Human	Mammalian Cell
SUMO3	SUMO3-208H	Recombinant Human Sentrin-2	N/A	Human	E.coli
	SUMO3-251H	Recombinant Human SUMO3, His-tagged	His	Human	E.coli
	SUMO3-2849H	Recombinant Human SUMO3, His-tagged	His	Human	E.coli
	SUMO3-3055H	Recombinant Human SUMO3, GST-tagged	GST	Human	E.coli
	SUMO3-581H	Recombinant Human SUMO3	N/A	Human	E.coli
SUMO1	SUMO1-12H	Recombinant Human SUMO1	N/A	Human	E.coli
	SUMO1-3054H	Recombinant Human SUMO1, GST-tagged	GST	Human	E.coli
	SUMO1-559H	Recombinant Human SUMO1, HA (YPYDVPDYA)-tagged	HA	Human	E.coli
	SUMO1-7040H	Recombinant Human SUMO1 protein, His-tagged	His	Human	E.coli
SUMO3	SUMO3-2849H	Recombinant Human SUMO3, His-tagged	His	Human	E.coli
	SUMO3-3055H	Recombinant Human SUMO3, GST-tagged	GST	Human	E.coli
	SUMO3-581H	Recombinant Human SUMO3	N/A	Human	E.coli
SUMO2	SUMO2-432H	Recombinant Human SUMO2 Protein, GST-tagged	GST	Human	E.coli
	SUMO2-433H	Recombinant Human SUMO2 Protein	N/A	Human	E.coli
	SUMO2-435H	Recombinant Human SUMO2 Protein, His-tagged	His	Human	E.coli

Group	Cat.No.	Product Name	Tag	Species	Source
	SUMO2-3016H	Recombinant Human SUMO2 Protein, MYC/DDK-tagged	Myc/DDK	Human	HEK293
	SUMO2-587H	Recombinant Human SUMO2	N/A	Human	E.coli
GSK3B	GSK3B-2129H	Recombinant Human GSK3B Protein (1-420 aa), His-tagged	His	Human	Yeast
	GSK3B-1023H	Recombinant Human Glycogen Synthase Kinase 3 Beta, GST-tagged	GST	Human	E.coli
	GSK3B-120H	Recombinant Human GSK3B Protein, DDK-tagged	DDK	Human	Insect Cell
	GSK3B-2350H	Recombinant Human GSK3B Protein, MYC/DDK-tagged	Myc/DDK	Human	HEK293
	GSK3B-2857H	Recombinant Human GSK3B (C-79aa), His-tagged	His	Human	E.coli
	GSK3B-2858H	Recombinant Human GSK3B (1-351aa), His-tagged	His	Human	E.coli
	GSK3B-4399H	Recombinant Human GSK3B Protein, GST-tagged	GST	Human	Wheat Germ
RELA	RELA-333H	Recombinant Human NFκB3 (RELA/p65) Protein, Flag-tagged	Flag	Human	Insect Cells
	RELA-30384TH	Recombinant Human RELA	N/A	Human	Wheat Germ
	RELA-611H	Recombinant Human RELA protein, His & T7-tagged	His/T7	Human	E.coli
	RELA-622H	Recombinant Human RELA Protein, GST-tagged	GST	Human	E.coli
	RELA-627TH	Recombinant Human RELA, C-Terminal Truncated	N/A	Human	N/A
	RELA-634H	Recombinant Human RELA, His-tagged	His	Human	Sf21 Insect Cell
NEMO	NEMO-371H	Recombinant Human NEMO Protein, His-tagged	His	Human	E.coli
CD40	CD40-1087H	Recombinant Human CD40 Protein (Met1-Arg193), His-tagged, Biotinylated	His	Human	HEK293
	CD40-108HA	Recombinant Human CD40 protein, Fc-tagged, APC labeled	Fc	Human	CHO
	CD40-108HP	Recombinant Human CD40 protein, Fc-tagged, R-PE labeled	Fc	Human	CHO
	CD40-371H	Recombinant Human CD40 Protein, Fc & Avi-tagged, Biotinylated	Avi/Fc	Human	HEK293

Group	Cat.No.	Product Name	Tag	Species	Source
	CD40-0811H	Recombinant Human CD40 Protein, His-Flag-StreptII-Tagged	His Flag StreptII	Human	Human Cell
	CD40-0812H	Recombinant Human CD40 Protein, GST-Tagged	GST	Human	Wheat Germ
	CD40-107H	Recombinant Human CD40 Protein, His-tagged	His	Human	CHO
	CD40-202H	Recombinant Human CD40 protein, His/Fc-tagged, Biotinylated	His Fc	Human	HEK293
	CD40-2221H	Recombinant Human CD40 protein, His-tagged	His	Human	HEK293
	CD40-2222H	Recombinant Human CD40 Protein, His & Avi-tagged, Biotinylated	His Avi	Human	HEK293
	CD40-369H	Recombinant Human CD40 protein, Hi & Fc & Avi-tagged, Biotinylated	His Fc Avi	Human	HEK293
	CD40-577H	Recombinant Human CD40, Fc-tagged, Biotinylated	Fc	Human	Human Cell
MAPK3	MAPK3-1050H	Recombinant Human MAPK3 Protein, His/GST-Tagged	His&GST	Human	E. coli
	ERK1-125H	Recombinant Human MAPK3 protein, His-tagged	His	Human	E.coli
	MAPK3-1517H	Recombinant Human MAPK3 protein	N/A	Human	E.coli
	MAPK3-286H	Recombinant Human MAPK3 protein, His/MBP-tagged	His MBP	Human	E.coli
	MAPK3-28H	Recombinant human biotinylated ERK1, His-tagged	His	Human	E.coli
MAPK1	MAPK1-2008H	Recombinant Human MAPK1 Protein, GST-tagged	GST	Human	E.coli
	MAPK1-26227TH	Recombinant Human MAPK1 protein	N/A	Human	E.coli
	MAPK1-27H	Biotinylated Recombinant Human ERK2, His-tagged	His	Human	E.coli
	MAPK1-385H	Recombinant Human MAPK1 Protein, MYC/DDK-tagged	Myc DDK	Human	HEK293
MAPK10	MAPK10-154H	Recombinant Human MAPK10 protein, His/MBP-tagged	His MBP	Human	E.coli
	MAPK10-239H	Recombinant Human MAPK10 protein, His-tagged	His	Human	E.coli

Group	Cat.No.	Product Name	Tag	Species	Source
	MAPK10-27604TH	Recombinant Human MAPK10	N/A	Human	E.coli
	MAPK10-339H	Recombinant Human MAPK10, GST-tagged, Active	GST	Human	Sf9 Insect Cell
MAPK11	MAPK11-1134H	Recombinant Human Mitogen-Activated Protein Kinase 11, GST-tagged	GST	Human	Sf9 Insect Cell
	MAPK11-27606TH	Recombinant Human MAPK11, His-tagged	His	Human	E.coli
	MAPK11-29H	Recombinant human biotinylated MAPK11, His-tagged	His	Human	E.coli
MAPK12	MAPK12-169H	Recombinant Human MAPK12 Protein, His-tagged	His	Human	E.coli
	MAPK12-264H	Recombinant Human MAPK12, Gly & Pro tagged	His	Human	Insect Cell
	MAPK12-279H	Recombinant Human MAPK12, His-GST tagged	His	Human	Insect Cell
	MAPK12-27H	Recombinant Human MAPK12 protein, GST-tagged	GST	Human	Insect Cell
MAPK13	MAPK13-31379TH	Recombinant Human MAPK13, His-tagged	His	Human	E.coli
	MAPK13-31380TH	Recombinant Human MAPK13	N/A	Human	
	MAPK13-31H	Recombinant human biotinylated MAPK13, His-tagged	His	Human	E.coli
	MAPK13-383H	Recombinant Human MAPK13 Protein, MYC/DDK-tagged	Myc/DDK	Human	HEK293
	MAPK13-48H	Recombinant Human MAPK13, GST-tagged	GST	Human	Sf9 Insect Cell
MAPK14	MAPK14-142H	Recombinant Human MAPK14, His tagged	His	Human	Insect Cell
	MAPK14-27H	Recombinant Human MAPK14(K53A), His-tagged, Unactive	His	Human	E.coli
	MAPK14-30539TH	Recombinant Human MAPK14	N/A	Human	E.coli
	MAPK14-314H	Recombinant Human MAPK14 protein, His/MBP-tagged	His/MBP	Human	E.coli
	MAPK14-32H	Recombinant human biotinylated MAPK14, His-tagged	His	Human	E.coli
	MAPK14-382H	Recombinant Human MAPK14 Protein, MYC/DDK-tagged	Myc/DDK	Human	HEK293

Group	Cat.No.	Product Name	Tag	Species	Source
	MAPK14-550H	Recombinant Human MAPK14, His-tagged	His	Human	Sf9 Insect Cell
	MAPK14-599H	Recombinant Human MAPK14, GST-tagged	GST	Human	Sf9 Insect Cell
	MAPK14-618H	Recombinant Human MAPK14, Fc tagged	Fc	Human	Insect Cell
	MAPK14-67H	Recombinant Human MAPK14 protein, Flag-tagged, Biotinylated	Flag	Human	Insect Cell
MAPK7	MAPK7-1050H	Recombinant Human Mitogen-Activated Protein Kinase 7, GST-Tagged	GST	Human	Sf9 Insect Cell
	MAPK7-26231TH	Recombinant Human MAPK7	N/A	Human	Wheat Germ
	MAPK7-282H	Recombinant Human MAPK7 protein, His/MBP-tagged	HisIMBP	Human	E.coli
	MAPK7-283H	Recombinant Human MAPK7 protein, His/MBP-tagged	HisIMBP	Human	E.coli
	MAPK7-6949H	Recombinant Human MAPK7 protein, His & GST-tagged	HisIGST	Human	E.coli
MAPK8	MAPK8-100H	Recombinant Human MAPK8, His-tagged	His	Human	E.coli
	MAPK8-156H	Recombinant Human MAPK8 protein, His/MBP-tagged	HisIMBP	Human	E.coli
	MAPK8-29668TH	Recombinant Human MAPK8	N/A	Human	E.coli
	MAPK8-554H	Recombinant Human Mitogen-Activated Protein Kinase 8, GST-tagged	GST	Human	E.coli
	MAPK8-781H	Recombinant Human MAPK8, GST tagged	GST	Human	Insect Cell
MAPK9	MAPK9-155H	Recombinant Human MAPK9 protein, His/MBP-tagged	HisIMBP	Human	E.coli
	MAPK9-238H	Recombinant Human MAPK9 protein, His-tagged	His	Human	E.coli
	MAPK9-29670TH	Recombinant Human MAPK9	N/A	Human	Insect Cell
NFKB1	NFKB1-105H	Recombinant Human NFKB1	N/A	Human	E.coli
	NFKB1-120H	Recombinant Human NFKB1 protein, T7/His-tagged	T7His	Human	E.coli
	NFKB1-1847H	Recombinant Human NFKB1 protein, His & GST-tagged	HisIGST	Human	E.coli
	NFKB1-300H	Recombinant Human NFKB1 protein, MYC/DDK-tagged	Myc/DDK	Human	HEK293

Group	Cat.No.	Product Name	Tag	Species	Source
	NFKB1-301H	Recombinant Human NFKB1 protein, His/T7-tagged	HisIT7	Human	E.coli
	NFKB1-309H	Recombinant Human NFKB1 protein, His/MBP-tagged	HisIMBP	Human	E.coli
	NFKB1-633H	Recombinant Human NFKB1, His-tagged	His	Human	Sf21 Insect Cell
NFKB2	NFKB2-306H	Recombinant Human NFKB2 protein, His/MBP-tagged	HisIMBP	Human	E.coli
	NFKB2-4859	Recombinant Human NFKB2 protein, GST-tagged	GST	Human	Insect Cell
	NFKB2-815H	Recombinant Human NFKB2 Protein, MYC/DDK-tagged	MycDDK	Human	HEK293
TNFRSF10B	TNFRSF10B-1148H	Recombinant Human TNFRSF10B Protein (Met1-Glu182), HlgG1 Fc-tagged	HlgG1 Fc	Human	HEK293
	TNFRSF10B-377H	Recombinant Human TNFRSF10B protein, Fc-tagged	humanIgG1Fc	Human	HEK293
	TNFRSF10B-599H	Recombinant Human TNFRSF10B Protein, His-Avi-tagged, Biotinylated	HisAvi	Human	HEK293
	TNFRSF10B-1999H	Recombinant Human TNFRSF10B Protein, MYC/DDK-tagged	MycDDK	Human	HEK293
	TNFRSF10B-27023TH	Recombinant Human TNFRSF10B, Fc-tagged	Fc	Human	HEK293
	TNFRSF10B-309H	Recombinant Human TNFRSF10B Protein, His-tagged	His	Human	HEK293
	TNFRSF10B-310H	Recombinant Human TNFRSF10B Protein, Fc/His-tagged	FcHis	Human	HEK293
	TNFRSF10B-56H	Recombinant Human TNFRSF10B protein, Fc-tagged, FITC-labeled	Fc	Human	HEK293
	TNFRSF10B-598H	Recombinant Human TNFRSF10B, Fc-tagged, Biotinylated	Fc	Human	Human Cell
	TNFRSF10B-7761H	Recombinant Human TNFRSF10B protein, His & GST-tagged	HisIGST	Human	E.coli
TNFRSF10C	TNFRSF10C-546H	Recombinant Human TNFRSF10C Protein, His-tagged	His	Human	HEK293
	TNFRSF10C-2096H	Recombinant Human TNFRSF10C, Fc-tagged	Fc	Human	HEK293
	TNFRSF10C-307H	Recombinant Human TNFRSF10C Protein	N/A	Human	HEK293
	TNFRSF10C-308H	Recombinant Human TNFRSF10C Protein, Fc/His-tagged	FcHis	Human	HEK293

Group	Cat.No.	Product Name	Tag	Species	Source
	TNFRSF10C-576H	Recombinant Human TNFRSF10C protein, His & GST-tagged	His GST	Human	E.coli
	TNFRSF10C-594H	Recombinant Human TNFRSF10C, Fc-tagged, Biotinylated	Fc	Human	Human Cell
TNFRSF17	TNFRSF17-1817HA	Recombinant Human TNFRSF17 protein, Fc-tagged, APC labeled	Fc	Human	HEK293
	TNFRSF17-1817HP	Recombinant Human TNFRSF17 protein, Fc-tagged, R-PE labeled	Fc	Human	HEK293
	TNFRSF17-2348HA	Recombinant Human TNFRSF17 protein, Fc/His-tagged, APC labeled	Fc His	Human	HEK293
	TNFRSF17-2348HP	Recombinant Human TNFRSF17 protein, Fc/His-tagged, R-PE labeled	Fc His	Human	HEK293
	TNFRSF17-237HA	Recombinant Human TNFRSF17 protein, Fc-tagged, APC labeled	Fc	Human	HEK293
	TNFRSF17-237HP	Recombinant Human TNFRSF17 protein, Fc-tagged, R-PE labeled	Fc	Human	HEK293
	TNFRSF17-240H	Recombinant Human TNFRSF17 Protein, His-Avi-tagged, Biotinylated	His Avi	Human	HEK293
	TNFRSF17-323H	Recombinant Human TNFRSF17 Protein (Met 1 - Ala 54), His-tagged, FITC-Labeled	His	Human	HEK293
	TNFRSF17-409H	Recombinant Human TNFRSF17 Protein (Met1-Ala54), His-Fc-tagged, Biotinylated	His Fc	Human	HEK293
	TNFRSF17-122H	Recombinant Human TNFRSF17 Protein, His-tagged	His	Human	HEK293
	TNFRSF17-1817H	Recombinant Human TNFRSF17 protein, Fc-tagged	Fc	Human	HEK293
	TNFRSF17-2348H	Recombinant Human TNFRSF17 protein, Fc/His-tagged	Fc His	Human	HEK293
	TNFRSF17-238H	Recombinant Human TNFRSF17 Protein, Fc & Avi-tagged, Biotinylated	Avi Fc	Human	HEK293
	TNFRSF17-239H	Recombinant Human TNFRSF17 Protein, Fc-tagged, FITC-Labeled	Fc	Human	HEK293
	TNFRSF17-552H	Recombinant Human TNFRSF17, Fc-tagged, Biotinylated	Fc	Human	Human Cell
BCR	BCR-177H	Recombinant Human BCR Protein, GST-tagged	GST	Human	Wheat Germ

Group	Cat.No.	Product Name	Tag	Species	Source
	BCR-558H	Recombinant Human BCR Protein, His-tagged	His	Human	E.coli
GFRA2	GFRA2-3162H	Recombinant Human GFRA2 protein, His-tagged	His	Human	HEK293
	GFRA2-893H	Recombinant Human GFRA2 Protein, Fc Chimera	Fc	Human	NS0
IL1R2	IL1R2-1821H	Recombinant Human IL1R2 Protein, MYC/DDK-tagged	Myc/DDK	Human	HEK293
	IL1R2-2200H	Recombinant Human IL1R2 protein, His-tagged	His	Human	HEK293
	IL1R2-474H	Recombinant Human IL1R2, DDDDK tagged	His	Human	Human Cell
	IL1R2-773H	Recombinant Human IL1R2 protein, Fc-tagged	humanIgG1Fc	Human	HEK293
IL1R1	IL1R1-214H	Recombinant Human IL1R1 Protein	N/A	Human	HEK293
	IL1R1-299H	Recombinant Human IL1R1, Fc-tagged	Fc	Human	HEK293
	IL1R1-368H	Recombinant Human IL1R1 Protein, His-tagged	His	Human	Insect Cell
	IL1R1-527H	Recombinant Human IL1R1, DDDDK tagged	His	Human	Human Cell
	IL1R1-627H	Recombinant Human IL1R1, Fc-tagged, Biotinylated	Fc	Human	Human Cell

