

Recombinant Full Length Mouse Ripk1 protein, His-tagged

Cat. No. RIPK1-14243M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Ripk1(1-656aa) fused with His tag was expressed in HEK293.
Species	Mouse
Source	HEK293
ProteinLength	1-656aa
Description	Ripk1 played an imporant role in many functions.
Form	Sterile 10mM Tris-HCl, 1mM EDTA, pH8.0, 50% glycerol.
Molecular Mass	76 kDa
AA Sequence	MQPDMSLDNI KMASSDLLEK TDLDSGGFGK VSLCYHRSHG FVILKKVYTG PNRAEYNEVL LEEGKMMHRL RHSRVVKLLG IIIIEEGNYSL VMEYMEKGNL MHVLKTQIDV PLSLKGRIIV EAIEGMCYLH DKGVIHKDLK PENILVDRDF HIKIADLGVA SFKTWSKLTk EKDNKQKEVS STTKNNGGT LYMAPEHLN DINAKPTEKS DVYSFGIVLW AIFAKKEPYE NVICTEQFVI CIKSGNRPNV EEILEYCPRE IISLMERCWQ AIPEDRPTFL GIEEEFRPFY LSHFEEYVEE DVASLKKEYP DQSPVLQRMF SLQHDCVPLP PSRSNSEQPG SLHSSQGLQM

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

GPVEESWFSS
 SPEYPQDEND RSVQAKLQEE ASYHAFGIFA EKQTKPQPRQ NEAYNREEER
 KRRVSHDPFA
 QQRARENIKS AGARGHSDPS TTSRGIAVQQ LSWPATQTVW NNGLYNQHGF
 GTTGTGVWYP
 PNLSQMYSTY KTPVPETNIP GSTPTMPYFS GPVADDLIK Y TIFNSSGIQI
 GNHNYMDVGL
 NSQPPNNTCK EESTSRHQAI FDNTTSLTDE HLNPIRENLG RQWKNCARKL
 GFTESQIDEI
 DHDYERDGLK EKVYQMLQKW LMREGTKGAT VGKLAQALHQ CCRIDLLNHL
 IRASQS

Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method.
Purity	> 90 % as determined by SDS-PAGE.
Stability	Samples are stable for up to twelve months from date of receipt at -70 centigrade.
Storage	Store it under sterile conditions at -20 centigrade~-70 centigrade. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
Concentration	1.0mg/ml

GENE INFORMATION

Gene Name	Ripk1 receptor (TNFRSF)-interacting serine-threonine kinase 1 [Mus musculus]
Official Symbol	Ripk1
Synonyms	RIPK1; receptor (TNFRSF)-interacting serine-threonine kinase 1; receptor-interacting

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	serine/threonine-protein kinase 1; RIP-1; cell death protein RIP; receptor-interacting protein 1; serine/threonine-protein kinase RIP; RIP; Rinp; Rip1; D330015H01Rik;
Gene ID	19766
mRNA Refseq	NM_009068
Protein Refseq	NP_033094
UniProt ID	Q60855
Chromosome Location	13 A3.3; 13 14.01 cM
Pathway	Activation of Pro-Caspase 8, organism-specific biosystem; Apoptosis, organism-specific biosystem; Apoptosis, organism-specific biosystem; Apoptosis, conserved biosystem; Apoptosis, organism-specific biosystem; Apoptosis Modulation by HSP70, organism-specific biosystem; Apoptosis signaling pathway, organism-specific biosystem;
Function	ATP binding; death domain binding; death receptor binding; kinase activity; nucleotide binding; protein binding; protein kinase activity; protein serine/threonine kinase activity; transferase activity; transferase activity, transferring phosphorus-containing groups;