

Recombinant Full Length Human IFNGR1 Protein, C-Flag-tagged

Cat. No. IFNGR1-1061HFL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human IFNGR1 Protein, fused to Flag-tag at C-terminus, was expressed in Mammalian cells.
Species	Human
Source	Mammalian Cells
Description	This gene (IFNGR1) encodes the ligand-binding chain (alpha) of the gamma interferon receptor. Human interferon-gamma receptor is a heterodimer of IFNGR1 and IFNGR2. A genetic variation in IFNGR1 is associated with susceptibility to Helicobacter pylori infection. In addition, defects in IFNGR1 are a cause of mendelian susceptibility to mycobacterial disease, also known as familial disseminated atypical mycobacterial infection.
Form	25 mM Tris HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	52.5 kDa
AA Sequence	MALLFLLPLVMQGVSR AEMGTADLGPSSVPTPTNVTIESYNMNP IYWEYQIMPQVP VFTVEVKNYGVKN SEWIDACINISHHYCNISDHVGDPNSNLWVRVKARVGQKESAY AKSEEFVAVCRDGKIGPPKLDIRKEEKQ IMIDIFHPSV FVNGDEQEVDYDPETTCYIRV YNVYVRMNGSEIQYKILTQKEDDCDEIQCQLAIPVSSLN SQYCVSAEGVLHVWGV TEKSKEVCITIFNSSIKGSLWIPVVAALLFLVLSLVFICFYIKKINPLKEKS IILPKSLISV VRSATLETKPESKYVSLITSYQPFSLEKEVVCEEPLSPATVPGMHTEDNPGKVEHTE

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ELS SITEVVTTEENIPDVVPGSHLTPIERESSSPLSSNQSEPGSIALNSYHSRNCSES
DHSRNGFDTDSSCLE SHSSLSDSEFPPNNKGEIKTEGQELITVIKAPTSFGYDKPHV
LVDLLVDDSGKESLIGYRPTEDSKEFSTRTRPLEQKLISEEDLAANDILDYKDDDDKV

Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining.
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade.
Concentration	>50 ug/mL as determined by microplate BCA method.
Preparation	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Protein Families	Druggable Genome, ES Cell Differentiation/IPS, Transmembrane
Protein Pathways	Cytokine-cytokine receptor interaction, Jak-STAT signaling pathway, Natural killer cell mediated cytotoxicity
Full Length	Full L.

GENE INFORMATION

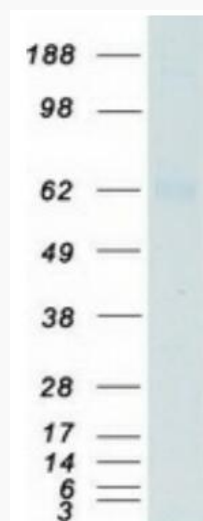
Gene Name	IFNGR1 interferon gamma receptor 1 [Homo sapiens (human)]
Official Symbol	IFNGR1
Synonyms	CD119; IFNGR; IMD27A; IMD27B

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Gene ID	3459
mRNA Refseq	NM_000416.3
Protein Refseq	NP_000407.1
MIM	107470
UniProt ID	P15260



Coomassie blue staining of purified IFNGR1 protein.