

Recombinant Full Length Human IFNGR2 Protein, C-Flag-tagged

Cat. No. IFNGR2-1609HFL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human IFNGR2 Protein, fused to Flag-tag at C-terminus, was expressed in Mammalian cells.
Species	Human
Source	Mammalian Cells
ProteinLength	1-337 aa
Description	This gene (IFNGR2) encodes the non-ligand-binding beta chain of the gamma interferon receptor. Human interferon-gamma receptor is a heterodimer of IFNGR1 and IFNGR2. Defects in IFNGR2 are a cause of mendelian susceptibility to mycobacterial disease (MSMD), also known as familial disseminated atypical mycobacterial infection. MSMD is a genetically heterogeneous disease with autosomal recessive, autosomal dominant or X-linked inheritance.
Form	25 mM Tris HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	35 kDa
AA Sequence	MRPTLLWSLLLLLVFAAAAAAPPDPLSQLPAPQHPKIRLYNAEQVLSWEPVALSNS TRPVVYQVQFKYT DSKWFTADIMSIGVNCTQITATECDFTAASPSAGFPMDFNVTLR LRAELGALHSAWVTMPWFQHYRNVTV GPPENIEVTPGEGSLIIRFSSPFDIADTSTA FFCYVHYWEKGGIQVKGPFRRSNSISLDNLKPSRVYCL QVQAQLLWNKSNIFRVG

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HLSNISCYETMADASTELQQVILISVGTFSLLSVLGACFFLVLYRGLIKYW
FHTPPSIPLQIEEYLKDPTQPILEALDKDSSPKDDVWDSVSIISFPEKEQEDVLQTLTR
TRPLEQKLISEEDLAANDILDYKDDDDKV

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, Transmembrane
Protein Pathways	Cytokine-cytokine receptor interaction, Jak-STAT signaling pathway, Natural killer cell mediated cytotoxicity
Full Length	Full L.

GENE INFORMATION

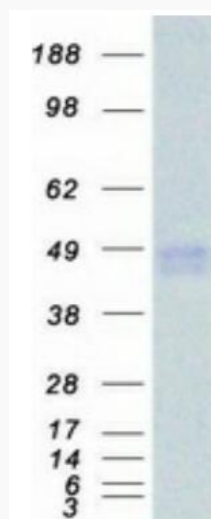
Gene Name	IFNGR2 interferon gamma receptor 2 [Homo sapiens (human)]
Official Symbol	IFNGR2
Synonyms	AF-1; IFGR2; IMD28; IFNGT1

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Gene ID	3460
mRNA Refseq	NM_005534.4
Protein Refseq	NP_005525.2
MIM	147569
UniProt ID	P38484



Coomassie blue staining of purified IFNGR2 protein.