

Recombinant Human IFNGR1 Protein, His-tagged

Cat. No. IFNGR1-001H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human IFNGR1(18-245aa), fused to His-tag at C-terminus, was expressed in insect cell and purified by using conventional chromatography techniques.
Species	Human
Source	Insect Cells
ProteinLength	18-245 a.a.
Description	IFNGR1, also known as interferon gamma receptor 1, is a member of the hematopoietic cytokine receptor superfamily. It is a receptor that binds interferon- γ , the sole member of interferon type II. It induces the rapid dimerization of chains, thereby forming a site that is recognized by the extracellular domain of IFNGR2. It is expressed in a membrane-bound form in many cell types, and is over-expressed in tumour cells. Its signaling promotes autoimmune germinal centers via cell-intrinsic induction of BCL-6. It is crucial for host defence against mycobacterial infections. It is associated with susceptibility to pulmonary tuberculosis (TB).
Form	Liquid
Molecular Mass	26.6 kDa
N-terminal Sequence Analysis	Glu 18

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Endotoxin	< 1.0 EU per 1 µg of protein (determined by LAL method)
Purity	> 90% by SDS - PAGE
Storage	Can be stored at +4 centigrade short term (1-2 weeks). For long term storage, aliquot and store at -20 centigrade or -70 centigrade. Avoid repeated freezing and thawing cycles.
Concentration	1.0 mg/mL (determined by Absorbance at 280nm)
Storage Buffer	In Phosphate Buffered Saline (pH 7.4) containing 10% glycerol.
Warning	For research use only. This product is not intended or approved for human, diagnostics or veterin
AA Sequence	EMGTADLGPSSVPTPTNVTIESYMNPIVYWEYQIMPQVPVFTVEVKNYGVKNSEWI DACINISHHYCNISDHVGDPNSLWVRVKARVGQKESAYAKSEEFVCRDGGKIGPPK LDIRKEEKQIMIDIFHPSVFVNGDEQEVDYDPETTCYIRVYNVYVRMNGSEIQYKILTQ KEDDCDEIQCQLAIPVSSLNSQYCVSAEGLVHVWGVTTTEKSKEVCITIFNSSIKGHHH HHH

GENE INFORMATION

Gene Name	IFNGR1 interferon gamma receptor 1 [Homo sapiens (human)]
Official Symbol	IFNGR1
Synonyms	IFNGR1; interferon gamma receptor 1; CD119; IFNGR; IMD27A; IMD27B;
Gene ID	3459

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mRNA Refseq	NM_000416
Protein Refseq	NP_000407
MIM	107470
UniProt ID	P15260

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