

## Active Recombinant Human IFNGR1 protein, His-tagged

Cat. No. IFNGR1-1590H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human IFNGR1 protein(Lys28-Lys436), fused with His tag, was expressed in HEK293.
<b>Species</b>	Human
<b>Source</b>	HEK293
<b>ProteinLength</b>	28-436 a.a.
<b>Form</b>	Lyophilized from 0.22 µm filtered solution in PBS, pH7.4.
<b>Bio-activity</b>	Loaded Human IFNAR1, His Tag on NTA Biosensor, can bind Human IFN-alpha 2b (K46R), Fc Tag with an affinity constant of 0.689 µM as determined in BLI assay (ForteBio Octet Red96e).Loaded Human IFN-alpha / beta R1, His Tag on NTA Biosensor, can bind Human IFN-alpha 1, Fc Tag with an affinity constant of 11.3 nM as determined in BLI assay (ForteBio Octet Red96e).
<b>Molecular Mass</b>	This protein carries a polyhistidine tag at the C-terminus.The protein has a calculated MW of 49.0 kDa. The protein migrates as 65-100 kDa under reducing (R) condition (SDS-PAGE) due to glycosylation.
<b>Proteinlength</b>	Lys28-Lys436
<b>Endotoxin</b>	Less than 1.0 EU per µg by the LAL method.

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<b>Purity</b>	>95% as determined by SDS-PAGE.
<b>Storage</b>	For long term, the product should be stored at lyophilized state at -20°C or lower. Please avoid repeated freeze-thaw cycles. This product is stable after at: -20°C to -70°C for 12 months in lyophilized state; -70°C for 3 months under sterile conditions after reconstitution.
<b>Reconstitution</b>	It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

## GENE INFORMATION

<b>Gene Name</b>	IFNGR1 <a href="#">interferon gamma receptor 1 [ Homo sapiens ]</a>
<b>Official Symbol</b>	IFNGR1
<b>Synonyms</b>	IFNGR1; interferon gamma receptor 1; IFNGR; CD119; CDw119; AVP, type 2; IFN-gamma-R1; CD119 antigen; IFN-gamma receptor 1; antiviral protein, type 2; immune interferon receptor 1; interferon-gamma receptor alpha chain; FLJ45734;
<b>Gene ID</b>	<a href="#">3459</a>
<b>mRNA Refseq</b>	<a href="#">NM_000416</a>
<b>Protein Refseq</b>	<a href="#">NP_000407</a>
<b>MIM</b>	<a href="#">107470</a>
<b>UniProt ID</b>	<a href="#">P15260</a>

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