

Active Recombinant Human IFNGR1 protein, His-tagged

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

SPECIFICATION

Product Overview	Recombinant Human IFNGR1 protein(Lys28-Lys436), fused with His tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	28-436 a.a.
Form	Lyophilized from 0.22 µm filtered solution in PBS, pH7.4.
Bio-activity	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).
Molecular Mass	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.
Proteinlength	Lys28-Lys436
Endotoxin	Less than 1.0 EU per µg by the LAL method.

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Purity	>95% as determined by SDS-PAGE.
Storage	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.
Reconstitution	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

Gene Name	IFNGR1 interferon gamma receptor 1 [Homo sapiens]
Official Symbol	IFNGR1
Synonyms	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;
Gene ID	3459
mRNA Refseq	NM_000416
Protein Refseq	NP_000407
MIM	107470
UniProt ID	P15260

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