Active Recombinant Human IFNGR1 protein, Fc-tagged

Cat. No. IFNGR1-1591H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human IFNGR1 protein(Lys28-Lys436), fused with Fc tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	28-436 a.a.
Form	Lyophilized from 0.22 μm filtered solution in Tris with Glycine, Arginine and NaCl, pH7.5.
Bio-activity	Loaded Human IFN-alpha 1, His Tag on HIS1K Biosensor, can bind Human IFNAR1, Fc Tag with an affinity constant of 0.191 μM as determined in BLI assay (ForteBio Octet Red96e).
Molecular Mass	This protein carries a human IgG1 Fc tag at the C-terminus.The protein has a calculated MW of 73.8 kDa. The protein migrates as 100-130 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.
Purity	>90% as determined by SDS-PAGE.

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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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