Active Recombinant Human IFNGR1 protein, His-tagged

Cat. No. IFNGR1-2250H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human IFNGR1 (Met 1-Gly 245) protein was fused to His-tag at C-terminus and expressed in human 293 cells (HEK293).
Species	Human
Source	HEK293
ProteinLength	Met 1-Gly 245
Form	Lyophilized from sterile PBS, pH 7.4
Bio-activity	Measured by its ability to inhibit rhIFNγ mediated protection of WISH cells infected with vesicular stomatitis virus(VSV). The ED50 for this effect is typically 2-8 μg/mL.
Molecular Mass	The recombinant human IFN-γR1 consists of 239 amino acids after removal of the signal peptide and predicts a molecular mass of 27.3 kDa. By SDS-PAGE under reducing conditions, the apparent molecular mass of rhIFN-γR1 is approximately 40-35 kDa due to the glycosylation.
Endotoxin	< 1.0 EU per μg of the protein as determined by the LAL method
Purity	> 97 % as determined by SDS-PAGE
Storage	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C

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	Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
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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