

Recombinant Human IFNGR1 protein, Fc-tagged

Cat. No. IFNGR1-381H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human IFNGR1 protein (Glu18-Gly245), fused to human IgG1 Fc tag at C-terminus, was expressed in human 293 cells (HEK293).
Species	Human
Source	HEK293
ProteinLength	228
Description	Interferon gamma receptor 1 (IFNGR1) is also known as CD antigen CD119, which belongs to the type II cytokine receptor family. IFNGR1 contains two fibronectin type-III domains and two Ig-like C2-type (immunoglobulin-like) domains. IFNGR1/CD119 is receptor for interferon gamma. Two receptors bind one interferon gamma (IFNG) dimer.
Form	Lyophilized from 0.22 um filtered solution in PBS, pH7.4, 10% trehalose.
Molecular Mass	The protein has a calculated MW of 52.4 kDa. The protein migrates as 60-80 kDa under reducing (R) condition (SDS-PAGE) due to glycosylation.
Endotoxin	Less than 1.0 EU per ug by the LAL method.
Purity	>95% as determined by SDS-PAGE.
Storage	For long term storage, the product should be stored at lyophilized state at -20

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centigrade or lower.
 Please avoid repeated freeze-thaw cycles.
 This product is stable after storage at:
 -20 centigrade to -70 centigrade for 12 months in lyophilized state;
 -70 centigrade 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

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

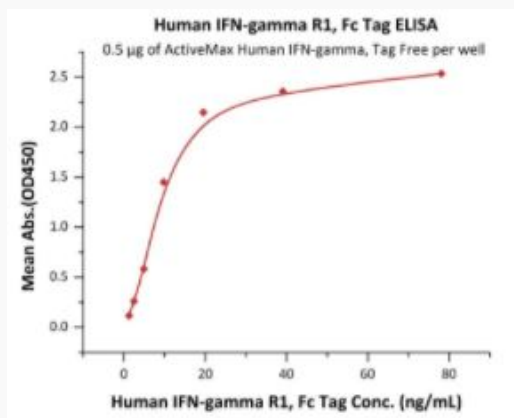
UniProt ID P15260

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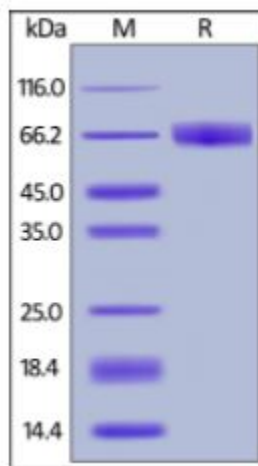
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Bioactivity-ELISA of IFNGR1-381H



Immobilized Human IFN-gamma, Tag Free at 5 µg/mL (100 µL/well) can bind Human IFN-gamma R1, Fc Tag with a linear range of 1-10 ng/mL (QC tested).

SDS-PAGE of IFNGR1-381H



Human IFN-gamma R1, Fc Tag on SDS-PAGE under reducing (R) condition. The gel was stained overnight with Coomassie Blue. The purity of the protein is greater than 95%.