

## Active Recombinant Mouse IFNGR1 protein, His-tagged

Cat. No. IFNGR1-1589M Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Mouse IFNGR1 protein(Glu27-Thr429), fused with His tag, was expressed in HEK293.
<b>Species</b>	Mouse
<b>Source</b>	HEK293
<b>ProteinLength</b>	27-429 a.a.
<b>Form</b>	Lyophilized from 0.22 µm filtered solution in PBS, pH7.4.
<b>Bio-activity</b>	Mouse IFN-alpha / beta R1, His Tag immobilized on CM5 Chip can bind Mouse IFN-alpha 1, His Tag with an affinity constant of 2.96 µM as determined in a SPR assay (Biacore 8K).
<b>Molecular Mass</b>	This protein carries a polyhistidine tag at the C-terminus. The protein has a calculated MW of 47.6 kDa. The protein migrates as 57-66 kDa under reducing (R) condition (SDS-PAGE) due to glycosylation.
<b>Proteinlength</b>	Glu27-Thr429
<b>Endotoxin</b>	Less than 1.0 EU per µg by the LAL method.
<b>Purity</b>	>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 \[ Mus musculus \]](#)

**Official Symbol** [IFNGR1](#)

**Synonyms** IFNGR1; interferon gamma receptor 1; IFN-gamma-R1; INF-g receptor; IFN-gamma receptor 1; interferon-gamma receptor 1; Ifgr; CD119; Ifngr; Nktar; IFN-gammaR;

**Gene ID** [15979](#)

**mRNA Refseq** [NM\\_010511](#)

**Protein Refseq** [NP\\_034641](#)

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