

Active Recombinant Mouse IFNGR1 protein, His-tagged

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

SPECIFICATION

Product Overview	Recombinant Mouse IFNGR1 protein(Glu27-Thr429), fused with His tag, was expressed in HEK293.
Species	Mouse
Source	HEK293
ProteinLength	27-429 a.a.
Form	Lyophilized from 0.22 µm filtered solution in PBS, pH7.4.
Bio-activity	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).
Molecular Mass	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.
Proteinlength	Glu27-Thr429
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 [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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