

Recombinant Human IFNGR1 protein, hFc-tagged

Cat. No. IFNGR1-7856H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human IFNGR1 protein(AAH05333)(Glu18-Gly245), fused with C-terminal hFc tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	Glu18-Gly245
Tag	C-hFc
Form	Lyophilized from 0.22µm filtered solution in PBS (pH 7.4). Normally 8% trehalose is added as protectant before lyophilization.
Bio-activity	Immobilized Human IFN gamma, His Tag at 5µg/ml (100µl/well) on the plate. Dose response curve for Human IFN gamma R1, hFc Tag with the EC50 of 4.6ng/ml determined by ELISA.
Molecular Mass	The protein has a predicted MW of 52.4 kDa. Due to glycosylation, the protein migrates to 60-75 kDa based on Tris-Bis PAGE result.
Endotoxin	Less than 1EU per µg by the LAL method.
Purity	> 95% as determined by Tris-Bis PAGE; > 95% as determined by HPLC

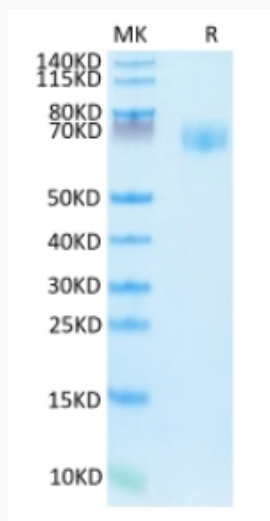
 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

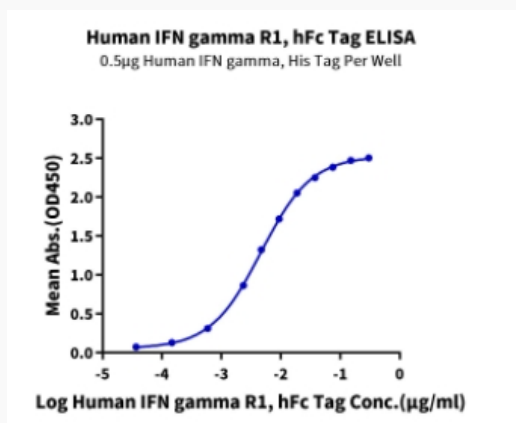
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Storage	Reconstituted protein stable at -80°C for 12 months, 4°C for 1 week. Use a manual defrost freezer and avoid repeated freeze-thaw cycles.
Reconstitution	Centrifuge tubes before opening. Reconstituting to a concentration more than 100 µg/ml is recommended. Dissolve the lyophilized protein in distilled water.
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

Tris-Bis PAGE



ELISA Data



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