

Recombinant Human IFNG protein, His-Avi-tagged

Cat. No. IFNG-579H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human IFNG protein(P01579)(Gln24-Gly161), fused with C-terminal His and Avi tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	Gln24-Gly161
Tag	C-His-Avi
Form	Lyophilized from 0.22µm filtered solution in PBS (pH 7.4). Normally 5% trehalose is added as protectant before lyophilization.
Bio-activity	Immobilized Human IFN gamma, His Tag at 5ug/ml (100ul/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 19.1 kDa. Due to glycosylation, the protein migrates to 20-35 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

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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 IFNG interferon, gamma [Homo sapiens]

Official Symbol IFNG

Synonyms IFNG; interferon, gamma; interferon gamma; IFN-gamma; immune interferon; IFG; IFI;

Gene ID 3458

mRNA Refseq NM_000619

Protein Refseq NP_000610

MIM 147570

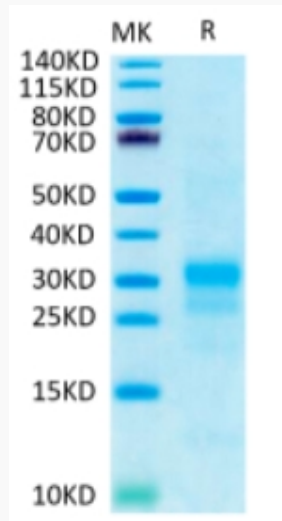
UniProt ID P01579

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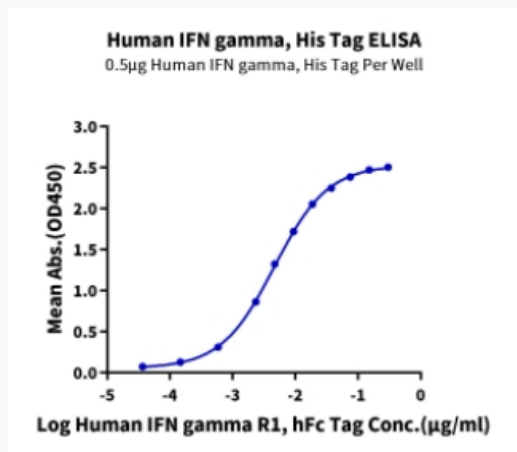
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Tris-Bis PAGE



ELISA Data



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