

Active Recombinant Human IFNG protein, His-Avi-tagged, Low Endotoxin

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

SPECIFICATION

Product Overview	Recombinant Human IFNG protein(P01579)(24-161 aa), fused with C-terminal His and Avi tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	24-161 aa
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 19.1 kDa. Due to glycosylation, the protein migrates to 20-35 kDa based on Bis-Tris PAGE result.
Endotoxin	Less than 0.01 EU per µg by the LAL method.
Purity	> 95% as determined by Bis-Tris PAGE; > 90% as determined by HPLC
Storage	Store at -20 to -80°C for 12 months as supplied from date of receipt.-80°C for 3

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months after reconstitution. Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.

Reconstitution 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

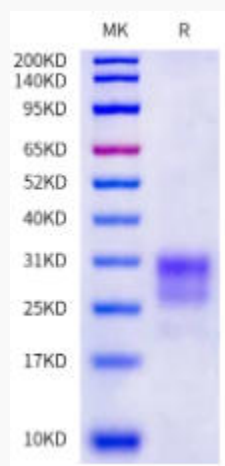
UniProt ID P01579

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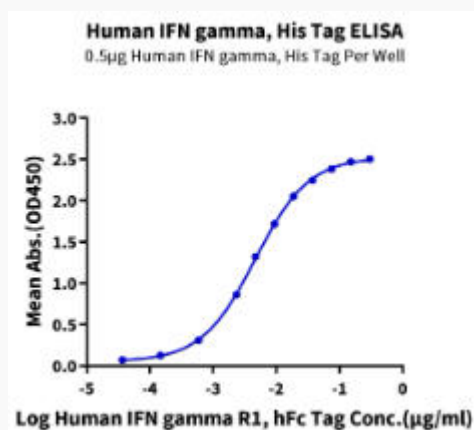
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Bis-Tris PAGE



ELISA Data



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