

Recombinant Human IFNG protein, His-Avi-tagged, Biotinylated

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

SPECIFICATION

Product Overview	Biotinylated 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
Conjugation/Label	Biotin
Form	Lyophilized from 0.22µm filtered solution in PBS (pH 7.4). Normally 5% trehalose is added as protectant before lyophilization.
Bio-activity	Immobilized Biotinylated Human IFN gamma, His Tag at 0.5ug/ml (100ul/well) on the streptavidin precoated plate (5ug/ml). Dose response curve for Human IFNGR1, hFc Tag with the EC50 of 4.0ng/ml determined by ELISA.
Molecular Mass	The protein has a predicted MW of 19.1 kDa. Due to glycosylation, the protein migrates to 25-40 kDa based on Tris-Bis PAGE result.
Endotoxin	Less than 1EU per µg by the LAL method.

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Purity	> 95% as determined by Tris-Bis PAGE
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.
Conjugation	Biotin

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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