

Active Recombinant Human IFNG protein

Cat. No. IFNG-8549H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Active Recombinant Human IFNG protein(NP_000610.2) (Met 1-Gln 166) was expressed and purified in CHO.
Species	Human
Source	CHO
ProteinLength	1-166 aa
Form	Lyophilized from sterile PBS, pH 7.4.
Bio-activity	Measured in antiviral assays using WISH human amnion cells infected with vesicular stomatitis virus (VSV). The EC50 for this effect is typically 0.1-0.5 ng/mL.
Molecular Mass	The secreted recombinant human γ -IFN consists of 143 amino acids and has a predicted molecular mass of 16.7 kDa. γ -IFN migrates as two bands with apparent molecular mass of 21&25 kDa probably due to different glycosylation.
Endotoxin	< 1.0 EU per μ g of the protein as determined by the LAL method.
Purity	> 92 % as determined by SDS-PAGE
Storage	Store it under sterile conditions at -20°C to -80°C upon receiving. Recommend to aliquot the protein into smaller quantities for optimal storage. Avoid repeated freeze-thaw cycles.

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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	IFNG interferon, gamma [Homo sapiens]
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Official Symbol	IFNG
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Synonyms	IFNG; interferon, gamma; interferon gamma; IFN-gamma; immune interferon; IFG; IFI;
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Gene ID	3458
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mRNA Refseq	NM_000619
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Protein Refseq	NP_000610
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MIM	147570
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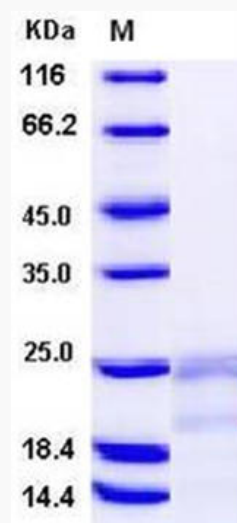
UniProt ID	P01579
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SDS-PAGE



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