

Active Recombinant Human IFNG protein(Met1-Gln166)

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

SPECIFICATION

Product Overview	Recombinant Human IFNG protein(NP_000610.2)(Met1-Gln166) was expressed in CHO.
Species	Human
Source	CHO
ProteinLength	Met1-Gln166
similar	IFNG
Alias	IFNG; interferon, gamma; interferon gamma; IFN-gamma; immune interferon; IFG; IFI;
Conjugate	N/A
Form	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
Bioactivity	Measured in antiviral assays using WISH cells infected with vesicular stomatitisvirus (VSV). The ED50 for this effect is 0.02-0.2 ng/mL.
MolecularMass	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.

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Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method
Purity	> 92 % as determined by SDS-PAGE
Storage	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C. Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
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.
GeneName	IFNG interferon, gamma [Homo sapiens]
GeneNameWeblink	3458
OfficialSymbol	IFNG
OfficialSymbolWeblink	3458
GeneID	3458
GeneIDWeblink	3458
mRNARefseq	NM_000619
mRNARefseqWeblink	NM_000619.2
ProteinRefseqWeblink	NP_000610.2
MIMWeblink	147570

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UniProtID	P01579
UniProtIDWeblink	P01579
GENE INFORMATION	
Synonyms	IFNG; interferon, gamma; interferon gamma; IFN-gamma; immune interferon; IFG; IFI;
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