

## Active Recombinant Human IFNG protein

**Cat. No.** IFNG-6015H    **Lot. No.** (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human IFNG protein(Gln24-Gln166) was expressed in E. coli.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	Gln24-Gln166
<b>Form</b>	Lyophilized from sterile 50mM Tris, pH 8.0.Please contact us for any concerns or special requirements. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization. Please refer to the specific buffer information in the hard copy of CoA.
<b>Bio-activity</b>	Measured in anti-viral assays using WISH cells infected with vesicular stomatitisvirus (VSV). The ED50 for this effect is 8-80 pg/mL.
<b>Molecular Mass</b>	The recombinant human IFNG consists of 144 amino acids and predicts a molecular mass of 16.91 kDa.
<b>Endotoxin</b>	< 5 EU per mg protein.
<b>Purity</b>	≥ 95 % as determined by SDS-PAGE. ≥ 95 % as determined by SEC-HPLC.
<b>Storage</b>	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

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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.

**GENE INFORMATION**

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

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