

Active Recombinant Human IFNG protein

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

SPECIFICATION

Product Overview	Recombinant Human IFNG protein(Gln24-Gln166) was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Gln24-Gln166
Form	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.
Bio-activity	Measured in anti-viral assays using WISH cells infected with vesicular stomatitisvirus (VSV). The ED50 for this effect is 8-80 pg/mL.
Molecular Mass	The recombinant human IFNG consists of 144 amino acids and predicts a molecular mass of 16.91 kDa.
Endotoxin	< 5 EU per mg protein.
Purity	≥ 95 % as determined by SDS-PAGE. ≥ 95 % as determined by SEC-HPLC.
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

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

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

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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