

Active Recombinant Human IFNA7 protein(Cys24-Asp189), hFc-tagged

Cat. No. IFNA7-176H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human IFNA7 (P01567) (Cys 24-Asp 189) was expressed in HEK293, fused with the Fc region of Human IgG1 at the N-terminus.
Species	Human
Source	HEK293
ProteinLength	Cys24-Asp189
Form	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
Bio-activity	Measured in antiviral assays using WISH human amnion cells infected with vesicular stomatitisvirus (VSV). The ED50 for this effect is 0.1-1 ng/mL.
Molecular Mass	The recombinant human IFNA7/Fc chimera is a disulfide-linked homodimer. The reduced monomer comprises 427 amino acids with a predicted molecular mass of 48 kDa. rh IFNA7/Fc monomer migrates as an approximately 50 kDa band in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method.
Purity	> 85 % as determined by SDS-PAGE

 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

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.

GENE INFORMATION

Gene Name IFNA7 interferon, alpha 7 [Homo sapiens]

Official Symbol IFNA7

Synonyms IFNA7; interferon, alpha 7; interferon alpha-7; IFN alphaJ; IFNA J; IeIF J; IFN-alpha 7; IFN-alpha-7; IFN-alpha-J1; interferon alpha-J; interferon alpha-J1; IFNA-J; IFN-alphaJ;

Gene ID 3444

mRNA Refseq NM_021057

Protein Refseq NP_066401

MIM 147567

UniProt ID P01567

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