

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

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

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human IFNA7 (P01567) (Cys 24-Asp 189) was expressed in HEK293, fused with the Fc region of Human IgG1 at the N-terminus.
<b>Species</b>	Human
<b>Source</b>	HEK293
<b>ProteinLength</b>	Cys24-Asp189
<b>Form</b>	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
<b>Bio-activity</b>	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.
<b>Molecular Mass</b>	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.
<b>Endotoxin</b>	< 1.0 EU per µg of the protein as determined by the LAL method.
<b>Purity</b>	> 85 % as determined by SDS-PAGE

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**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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