

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

Cat. No. IFNA7-436H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human IFNA7 (NP_066401.2) (Cys24-Asp189) was expressed in Yeast with a polyhistidine tag at the C-terminus.
Species	Human
Source	Yeast
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 cells infected with vesicular stomatitis virus. The ED50 for this effect is 3.0-15.0pg/mL.
Molecular Mass	The recombinant human IFNA7 consists of 176 amino acids and predicts a molecular mass of 21 kDa.
Purity	> 95 % 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.

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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]
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Official Symbol	IFNA7
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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;
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Gene ID	3444
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mRNA Refseq	NM_021057
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Protein Refseq	NP_066401
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MIM	147567
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UniProt ID	P01567
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