

## Active Recombinant Human IFNA8 protein(Cys24-Glu189)

Cat. No. IFNA8-3219H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human IFNA8 (NP_002161.2)(Cys24-Glu189) was expressed and purified in HEK293 with two additional amino acids (Gly & Pro) at the N-terminus.
<b>Species</b>	Human
<b>Source</b>	HEK293
<b>ProteinLength</b>	Cys24-Glu189
<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 cells infected with vesicular stomatitisvirus (VSV). The ED50 for this effect is 0.2-2 pg/mL.
<b>Molecular Mass</b>	The secreted recombinant human IFNA8 consists of 168 amino acids and predicts a molecular mass of 19.6 KDa. The apparent molecular mass of the protein is approximately 26 KDa in SDS-PAGE under reducing conditions due to glycosylation.
<b>Endotoxin</b>	< 1.0 EU per µg of the protein as determined by the LAL method
<b>Purity</b>	> 95 % as determined by SDS-PAGE
<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**

**Gene Name** IFNA8 interferon, alpha 8 [ Homo sapiens ]

**Official Symbol** IFNA8

**Synonyms** IFNA8; interferon, alpha 8; interferon alpha-8; IFN alphaB; interferon alpha type 201; interferon alpha B; IeIF B; IFN-alpha-8; interferon alpha-B; interferon alpha-B2; IFN-alphaB;

**Gene ID** 3445

**mRNA Refseq** NM\_002170

**Protein Refseq** NP\_002161

**MIM** 147568

**UniProt ID** P32881

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