

Active Recombinant Human IFNA8 protein(Cys24-Glu189)

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

SPECIFICATION

Product Overview	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.
Species	Human
Source	HEK293
ProteinLength	Cys24-Glu189
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 stomatitisvirus (VSV). The ED50 for this effect is 0.2-2 pg/mL.
Molecular Mass	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.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method
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

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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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