

Recombinant Human IFNA4 protein(Met1-Asp189), His-tagged

Cat. No. IFNA4-175H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human IFNA4(NP_066546.1) (Met 1-Asp 189) was expressed in Insect Cells, fused with a polyhistidine tag at the C-terminus.
Species	Human
Source	Insect Cells
ProteinLength	1-189 a.a.
Form	Lyophilized from sterile 20mM Tris, 500mM NaCl, pH 7.4, 10% gly. 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 stomatitis virus(VSV). The ED50 for this effect is typically 2-8 pg/mL.
Molecular Mass	The recombinant human IFN α 4a consists of 176 amino acids and predicts a molecular mass of 20.7 kDa. It migrates as an approximately 20 kDa band in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 EU per μ g of the protein as determined by the LAL method
Purity	> 88 % as determined by SDS-PAGE
Storage	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C.

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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 IFNA4 interferon, alpha 4 [Homo sapiens]

Official Symbol IFNA4

Synonyms IFNA4; interferon, alpha 4; interferon alpha-4; IFN alpha4a; MGC142200; IFN-alpha-4; interferon alpha-4B; interferon alpha-76; interferon alpha-M1; INFA4; IFN-alpha4a;

Gene ID 3441

mRNA Refseq NM_021068

Protein Refseq NP_066546

MIM 147564

UniProt ID P05014

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