

Active Recombinant Human IFNA10 protein, hFc-tagged

Cat. No. IFNA10-174H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human IFNA10 protein(P01566)(Cys24-Asp189), fused with hFc tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	Cys24-Asp189
Form	Lyophilized from sterile PBS, pH 7.4Please contact us for any concerns or special requirements. 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 stomatitisvirus (VSV).The ED50 for this effect is 20-80 pg/mL.
Molecular Mass	The recombinant human IFNA10/Fc chimera is a disulfide-linked homodimer. The reduced monomer comprises 427 amino acids with a predicted molecular mass of 48 kDa. AsrhIFNA10/Fc monomer migrates as an approximately 50 kDa band in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method
Purity	> 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 IFNA10 interferon, alpha 10 [Homo sapiens]

Official Symbol IFNA10

Synonyms IFNA10; interferon, alpha 10; interferon alpha-10; IFN alphaC; IeIF C; IFN-alpha-10; interferon alpha-C; interferon alpha-6L; IFN-alphaC; MGC119878; MGC119879;

Gene ID 3446

mRNA Refseq NM_002171

Protein Refseq NP_002162

MIM 147577

UniProt ID P01566

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