

Active Recombinant Human IFNW1 protein, His-tagged

Cat. No. IFNW1-8533H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human IFNW1 protein(P05000)(Met1-Ser195), fused with His tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	Met1-Ser195
Form	Lyophilized from sterile 0mM Tris, 150mM NaCl, 10% Glycerol, pH 8.0. Please 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 stomatitis virus(VSV). The ED50 for this effect is typically 2-8 pg/mL.
Molecular Mass	The recombinant human IFNW1 consists of 185 amino acids and predicts a molecular mass of 21.6 KDa. It migrates as an approximately 22 KDa band in SDS-PAGE under reducing conditions.
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

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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 IFNW1 interferon, omega 1 [Homo sapiens]

Official Symbol IFNW1

Synonyms IFNW1; interferon, omega 1; interferon omega-1; IFN omega 1; interferon omega 1; interferon alpha-II-1; IFN-omega 1, interferon omega-1;

Gene ID 3467

mRNA Refseq NM_002177

Protein Refseq NP_002168

MIM 147553

UniProt ID P05000

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