

# Active Recombinant Human IFNW1 protein, His-tagged

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

## SPECIFICATION

<b>Product Overview</b>	Recombinant Human IFNW1 protein(P05000)(Met1-Ser195), fused with His tag, was expressed in HEK293.
<b>Species</b>	Human
<b>Source</b>	HEK293
<b>ProteinLength</b>	Met1-Ser195
<b>Form</b>	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.
<b>Bio-activity</b>	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.
<b>Molecular Mass</b>	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.
<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

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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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