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Datasheet for ABIN7504452

**IFNW1 Protein (AA 22-195) (His tag)**

## Overview

Quantity:	100 µg
Target:	IFNW1 (IFNW)
Protein Characteristics:	AA 22-195
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This IFNW1 protein is labelled with His tag.

## Product Details

Purpose:	Human Interferon omega-1 Protein
Sequence:	Leu22-Ser195
Characteristics:	Recombinant Human Interferon omega-1 Protein is expressed from HEK293 with His tag at the C-terminus. It contains Leu22-Ser195.
Purity:	> 95 % as determined by Tris-Bis PAGE, > 95 % as determined by HPLC
Sterility:	0.22 µm filtered
Endotoxin Level:	Less than 1EU per µg by the LAL method.

## Target Details

Target:	IFNW1 (IFNW)
Alternative Name:	Interferon omega-1 ( <a href="#">IFNW Products</a> )

## Target Details

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**Background:** Human Interferon omega-1, a type I IFN, also known as IFN- $\omega$ 1 or IFNW1, it contains a potential N-glycosylation site like human IFN- $\beta$ . IFN- $\omega$ 1 binds to the interferon alpha/beta receptor but not to the interferon gamma receptor. All IFN- $\omega$  genes analysed to date are devoid of introns. IFN- $\omega$ 1 has been shown to be well-tolerated in man and to induce reductions of hepatitis C virus RNA levels in a series of human clinical trials.

**Molecular Weight:** 21.25 kDa. Due to glycosylation, the protein migrates to 25-30 kDa based on Tris-Bis PAGE result.

**UniProt:** [P05000](#)

## Application Details

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**Restrictions:** For Research Use only

## Handling

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**Format:** Lyophilized

**Reconstitution:** Centrifuge the tube before opening. Reconstituting to a concentration more than 100  $\mu$ g/mL is recommended. Dissolve the lyophilized protein in distilled water.

**Buffer:** Lyophilized from 0.22  $\mu$ m filtered solution in PBS (pH 7.4). Normally 8 % trehalose is added as protectant before lyophilization.

**Storage:** -20 °C, -80 °C

**Storage Comment:** -20 to -80°C for 12 months as supplied from date of receipt., -80°C for 3-6 months after reconstitution., 2-8°C for 2-7 days after reconstitution., Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.

**Expiry Date:** 12 months