

Recombinant Human IFNW1 Protein, His-tagged

Cat. No. IFNW1-947H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human IFNW1 fused with His tag at C-terminal was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	The protein encoded by this gene is an interferon and possesses antiviral activity. The encoded protein binds to the interferon alpha/beta receptor but not to the interferon gamma receptor. This intronless gene has several pseudogenes spread throughout the genome.
Form	Lyophilized from a 0.2 M filtered solution of 20mM PB, 150mM NaCl, pH7.4
Molecular Mass	21.1kD
AA Sequence	LGCDLPQNHGLLSRNTLVLLHQMRRI SPFLCLKDRRDFRFPQEMVKGSQ LQKAHVM SVLHEMLQQIFSLFHTERSSAAWNMTLLDQLHTGLHQQLQHLETCLLQVVGEGESA GAISSPALT LRRYFQGIRVYLKEKKYSDCAWEVVRMEIMKSLFLSTNMQERLR SKDR DLGSSVDHHHHHH*
Endotoxin	Endotoxin level is <0.1 ng/g of protein (<1EU/g).
Purity	>95% as determined by SDS-PAGE and Coomassie blue staining

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Concentration

Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100 µg/ml. Dissolve the lyophilized protein in 1X PBS. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

GENE INFORMATION

Gene Name	IFNW1 interferon, omega 1 [Homo sapiens]
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Official Symbol	IFNW1
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Synonyms	IFNW1; interferon, omega 1; interferon omega-1; IFN omega 1; interferon omega 1; interferon alpha-II-1; IFN-omega 1, interferon omega-1;
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Gene ID	3467
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mRNA Refseq	NM_002177
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Protein Refseq	NP_002168
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MIM	147553
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UniProt ID	P05000
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