

Active Recombinant Human IFNW1 Protein

Cat. No. IFNW1-086H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	The mature recombinant human IFN- ω protein (24-195aa) without tag was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	24-195 a.a.
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.
Bio-activity	Fully biologically active when compared to standard. The ED50 as determined by a chemotaxis bioassay using human TF-1 cells is less than 0.01 ng/mL, corresponding to a specific activity of $>1.0 \times 10^8$ IU/mg.
Molecular Mass	20 kDa
Product-Related Proteins	24-195
Endotoxin	< 0.1 EU/ μ g of the protein as determined by the LAL method

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Purity	> 95 % as determined by SDS-PAGE
Storage	At -80 centigrade. Avoid repeated freeze-thaw cycles.
Storage Buffer	PBS

GENE INFORMATION

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

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