Recombinant Human IFNA7, His-tagged

Cat. No. IFNA7-7091H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human IFNA7 protein, fused to His-tag at N-terminus, was expressed in E.coli.
Species	Human
Source	E.coli
ProteinLength	24-189aa
Description	Interfereon alpha 7, also known as IFNA7, belongs to the alpha/beta interferon family. IFNA7 is produced by macrophages. IFN-alpha has antiviral activities. Interferon stimulates the production of two enzymes: a protein kinase and an oligoadenylate synthetase.
Form	Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 0.4M urea,10% glycerol
Molecular Mass	22.3 kDa (191aa)
AA Sequence	MGSSHHHHHH SSGLVPRGSH MGSHMCDLPQ THSLRNRRAL ILLAQMGRIS PFSCLKDRHE FRFPEEEFDG HQFQKTQAIS VLHEMIQQTF NLFSTEDSSA AWEQSLLEKF STELYQQLND LEACVIQEVG VEETPLMNED FILAVRKYFQ RITLYLMEKK YSPCAWEVVR AEIMRSFSFS TNLKKGLRRK D
Purity	>90% by SDS - PAGE

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Applications	SDS-PAGE
Storage	Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.
Concentration	0.5 mg/ml

GENE INFORMATION

Gene Name	IFNA7 interferon, alpha 7 [Homo sapiens]
Official Symbol	IFNA7
Synonyms	IFNA7; interferon, alpha 7; interferon alpha-7; IFN alphaJ; IFNA J; leIF J; IFN-alpha 7; IFN-alpha-7; IFN-alpha-J1; interferon alpha-J; interferon alpha-J1; IFNA-J; IFN-alphaJ;
Gene ID	3444
mRNA Refseq	NM_021057
Protein Refseq	NP_066401
MIM	147567
UniProt ID	P01567
Chromosome Location	9p22
Pathway	Autoimmune thyroid disease, organism-specific biosystem; Autoimmune thyroid disease, conserved biosystem; Cytokine Signaling in Immune system, organism-

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	specific biosystem; Cytokine-cytokine receptor interaction, organism-specific biosystem; Cytokine-cytokine receptor interaction, conserved biosystem; Cytosolic DNA-sensing pathway, organism-specific biosystem; Cytosolic DNA-sensing pathway, conserved biosystem;
Function	cytokine activity; interferon-alpha/beta receptor binding;

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