

Recombinant Human IFNA14, His-tagged

Cat. No. IFNA14-15840H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human IFNA14 protein, fused to His tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography.
Species	Human
Source	E.coli
ProteinLength	24-189aa?
Description	IFNA14, also known as interferon alpha-14, is produced by macrophages, IFN-alpha have antiviral activities. Interferon stimulates the production of two enzymes: a protein kinase and an oligoadenylate synthetase.
Form	Liquid. 20mM Tris-HCl buffer (pH8.0) containing 50% glycerol, 0.2M NaCl, 2mM DTT
Molecular Mass	22.4 kDa (191aa) confirmed by MALDI-TOF
AA Sequence	MGSSHHHHHH SSGLVPRGSH MGSHMCNLSQ THSLNNRRTL MLMAQMRRIS PFSLCKDRHD FEFPQEEFDG NQFQKAQAIS VLHEMMQQTFLNFSTKNSSA AWDETLLLEKF YIELFQQMND LEACVIQEVG VEETPLMNED SILAVKKYFQ RITLYLMEKK YSPCAWEVVR AEIMRSLSFSTNLQKRLRRKD
Purity	>90% by SDS - PAGE
Applications	SDS-PAGE

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Storage	Can be stored at 4°C short term. For long term storage, aliquot and store at at -20°C or -70°C. Avoid repeated freezing and thawing cycles.
Concentration	0.5mg/ml (determined by Bradford assay)
GENE INFORMATION	
Gene Name	IFNA14 interferon, alpha 14 [Homo sapiens]
Official Symbol	IFNA14
Synonyms	IFNA14; interferon, alpha 14; interferon alpha-14; IFN alphaH; LEIF2H; leIF H; IFN-alpha-14; interferon alpha-H; interferon lambda-2-H; IFN-alphaH; MGC125756; MGC125757;
Gene ID	3448
mRNA Refseq	NM_002172
Protein Refseq	NP_002163
MIM	147579
UniProt ID	P01570
Chromosome Location	9p22
Pathway	Autoimmune thyroid disease, organism-specific biosystem; Autoimmune thyroid disease, conserved biosystem; Cytokine Signaling in Immune system, organism-specific biosystem; Cytokine-cytokine receptor interaction, organism-specific

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biosystem; Cytokine-cytokine receptor interaction, conserved biosystem; Cytosolic DNA-sensing pathway, organism-specific biosystem; Cytosolic DNA-sensing pathway, conserved biosystem;

Function

cytokine activity; cytokine receptor binding;

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