

## Recombinant Human Interferon, Alpha 14, His-tagged

Cat. No. IFNA14-146H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant humanIFNA14 protein, fused to His-tag at N-terminus, was expressed in E. coli and purified by using conventional chromatography.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	24-189 aa
<b>Description</b>	IFNA14 is produced by macrophages, IFN-alpha have antiviral activities. Interferon stimulates the production of two enzymes: a protein kinase and an oligoadenylatesynthetase.
<b>Form</b>	Liquid. 20mM Tris-HCl buffer (pH8.0) containing 50% glycerol, 0.2M NaCl, 2mM DTT.
<b>Molecular Weight</b>	22.4 kDa (191aa) confirmed by MALDI-TOF
<b>Purity</b>	> 90% by SDS-PAGE
<b>Concentration</b>	0.5 mg/ml (determined by Bradford assay)
<b>Sequences of aminoacids</b>	MGSSHHHHHHSSGLVPRGSH MGS HMCNLSQ THSLNRRRTL MLMAQMRRIS PF SCLKDRHD FEFPQEEFDGNQFQKAQAIS VLHEMMQQTF NLFSTKNSSA AWDETLLLEKF YIELFQQMND LEACVIQEVG VEETPLMNEDSILAVKKYFQ RITLYLMEKK YSPCAWEVVR AEIMRSLSFS TNLQKRLRRK D

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<b>Storage</b>	Can bestored at +4°C short term (1-2 weeks). For long term storage, aliquot andstore at -20°C or -70°C. Avoid repeated freezing and thawing cycles.	
<b>OfficialSymbol</b>	IFNA14	
<b>nullValue_other</b>	Pathway	Antigen processing andpresentation; Autoimmune thyroid disease; Cytokine-cytokine receptorinteraction; Jak-STAT signaling pathway; Natural killer cell mediatedcytotoxicity; RIG-I-like receptor signaling pathway; Regulation of autophagy;Toll-like receptor signaling pathway

## GENE INFORMATION

<b>Gene Name</b>	IFNA14 interferon, alpha 14 [ <a href="#">Homosapiens</a> ]	
<b>Synonyms</b>	IFNA14; interferon, alpha 14; LEIF2H;MGC125756; MGC125757; interferon alpha 14; interferon alpha-14; Interferonalpha-H; Interferon lambda-2-H; LeIF H; IFN-alpha-14; OTTHUMP00000021139	
<b>Gene ID</b>	<a href="#">3448</a>	
<b>mRNA Refseq</b>	<a href="#">NM_002172</a>	
<b>Protein Refseq</b>	<a href="#">NP_002163</a>	
<b>MIM</b>	<a href="#">147579</a>	
<b>UniProt ID</b>	P01570	
<b>Chromosome Location</b>	9p22	

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