Recombinant Human Interferon, Alpha 14, His-tagged

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

SPECIFICATION

Product Overview	Recombinant humanIFNA14 protein, fused to His-tag at N-terminus, wasexpressed in E. coli and purified by using conventional chromatography.
Species	Human
Source	E.coli
ProteinLength	24-189 aa
Description	IFNA14 is producedby macrophages, IFN-alpha have antiviral activities. Interferon stimulatesthe production of two enzymes: a protein kinase and an oligoadenylatesynthetase.
Form	Liquid. 20mMTris-HCl buffer (pH8.0) containing 50% glycerol, 0.2M NaCl, 2mM DTT.
Molecular Weight	22 4 kDa (191aa) confirmedby MALDI-TOF
Purity	> 90% by SDS-PAGE
Concentration	0.5 mg/ml(determined by Bradford assay)
Sequences of aminoacids	MGSSHHHHHHSSGLVPRGSH MGSHMCNLSQ THSLNNRRTL MLMAQMRRIS PFSCLKDRHD FEFPQEEFDGNQFQKAQAIS VLHEMMQQTF NLFSTKNSSA AWDETLLEKF YIELFQQMND LEACVIQEVG VEETPLMNEDSILAVKKYFQ RITLYLMEKK YSPCAWEVVR AEIMRSLSFS TNLQKRLRRK D

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Storage	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.	
OfficialSymbol	IFNA14	
nullValue_other	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

Gene Name	IFNA14 interferon, alpha 14 [Homosapiens]
Synonyms	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
Gene ID	3448
mRNA Refseq	NM_002172
Protein Refseq	NP_002163
MIM	147579
UniProt ID	P01570
Chromosome Location	9p22

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