

IFNA14, 24-189aa , Human, His tag, E.coli

Cat.NO.: TP02567

3th Edition

Synonyms:Interferon alpha-14, IFN-alphaH, LEIF2H.

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. Recombinant human IFNA14 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography.

Form:Liquid. 20mM Tris-HCl buffer (pH8.0) containing 50% glycerol, 0.2M NaCl, 2mM DTT

Molecular Weight:22.4 kDa (191aa) confirmed by MALDI-TOF

Sequences:

MGSSHHHHHHSSGLVPRGSHMGSHMCNLSQTHSLNNRRTLMLMAQMRRISPFCLKDRHDFEFPQEEFDGNQF
QKAQAISVLHEMMQQTFNLFSTKNSSAAWDETLLKIFYIELFQQMNDLEACVIQEVGVEETPLMNEDSILAVKKYFQ
RITLYLMEKKYSPCAWEVVRAEIMRSLSFSTNLQKRLRRKD

Purity:> 95% by HPLC

Concentration:0.5mg/ml (determined by Bradford assay)

Endotoxin Level:<1.0 EU per 1 ug of protein (determined by LAL method)

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.