

IFNA7, 24-189aa, Human, His tag, E.coli

Cat.NO.: TP02568

3th Edition

Synonyms:Interfereon alpha-7, IFN-alphaJ, IFNA-J

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. Recombinant human IFNA7 protein, fused to His-tag at N-terminus, was expressed in E.coli.

Form:Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 0.4M urea, 10% glycerol

Molecular Weight:22.3 kDa (191aa)

Sequences:

MGSSHHHHHHSSGLVPRGSHMGSHMCDLPQTHSLRNRRALILLAQMGRISPFSCCLKDRHEFRFPPEEEFDGHQFQ
KTQAISVLHEMIQQTFNLFSTEDSSAAWEQSLLEKFSTELYQQLNDLEACVIQEVGVEETPLMNEDFILAVRKYFQRI
TLYLMEKKYSPCAWEVVRAEIMRSFSFSTNLKKGLRRKD

Purity:> 95% by HPLC

Concentration:0.5 mg/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.