

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

**Cat.NO.: TP02568**

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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.