

IFNG,24-167aa, Feline, His-tag, E.coli

Cat.NO.: TP02574

3th Edition

Synonyms:Interferon gamma, IFN-G, IFN-gamma

Description:Interferon gamma, also known as IFNG, is a member of the type γ interferon family. This protein is a soluble cytokine with antiviral, immunoregulatory and anti-tumor properties and is a potent activator of macrophages. Mutations in this gene are associated with aplastic anemia. Recombinant Feline IFNG protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.

Form:Liquid. In PBS buffer (pH 7.4) containing 10% glycerol

Molecular Weight:19.3kDa (167aa) confirmed by MALDI-TOF

Sequences:

MGSSHHHHHHSSGLVPRGSHMGSGAMFFKEIEELKGYFNASNPDVADGGSLFVDILKNWKEESDKTIIQSQIVSFY
LKMFEENLKDDQRIQRSMPTIKEDMLDKLLNTSSSKRDDFLKLIQIPVNDLQVQRKAINELFKVMNDLSPRSNLRKR
KRSQNLFRGRASK

Purity:> 95% by HPLC

Concentration:1mg/ml (determined by Absorbance at 280nm)

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.