

IFNG, 24-161aa, Human, E.coli

Cat.NO.: TP02571

3th Edition

Synonyms: Interferon gamma, IFG, IFI

Description: IFNG is a member of the type II 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 human IFNG protein was expressed in E.coli and purified by using conventional chromatography techniques.

Form: Liquid. In PBS buffer (pH 7.4) containing 10% glycerol, 1mM DTT

Molecular Weight: 16.3 kDa (139aa) confirmed by MALDI-TOF

Sequences:

MQDPYVKEAENLKKYFNAGHSDVADNGTLFLGILKNWKEESDRKIMQSQIVSFYFKLFKNFKDDQSIQKSVETIKED
MNVKFFNSNKKRDDFEKLTNYSVTDLNVQRKAIHELIQVMAELSPA AKTGKRKRSQMLFRG

Purity: > 95% by HPLC

Concentration: 1 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.