

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

Cat.NO.: TP02572

3th Edition

Synonyms: Interferon gamma, IFG, IFI.

Description: IFNG, also known as interferon gamma, is secreted by lymphocytes stimulated by mitogen and is involved in the differentiation, maturation, and proliferation of hematopoietic cells. Nature human interferon- γ is composed of 143 amino acid residues without cysteine residues and is glycosylated. Proteolytic processing produces C-terminal heterogeneity, with proteins ending alternatively at Gly-150, Met-157 or Gly-161.

Form: Liquid. Phosphate buffered saline (pH 7.4)

Molecular Weight: 18.5 kDa (159aa), confirmed by MALDI-TOF

Sequences:

MGSSHHHHHSSGLVPRGSHMQDPYVKEAENLKKYFNAGHSDVADNGTLFLGILKNWKEESDRKIMQSQIVSFYF
KLFKNFKDDQSIQKSVETIKEDMNVKFFNSNKKKRDDFEKLTNYSVTDLNVQRKAIHELIVMAELSPAAKTGKRKR
SQMLFRG

Purity: > 95% by HPLC

Concentration: 1 mg/ml (determined by Bradford assay)

Endotoxin Level: <1.0 EU per 1 μ g 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.