

Interferon-g, Human, Recombinant, E.coli

Cat.NO.: TP02671

3th Edition

Synonyms:IFN-gamma, Immune interferon

Description:Human interferon - γ (hIFN- γ) 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.

Form:Liquid. In phosphate-buffered Saline (pH 7.4), 10% glycerol.

Molecular Weight:16.9kDa (144aa), confirmed by MALDI-TOF

Sequences:

MQDPYVKEAENLKKYFNAGHSDVADNGTLFLGILKNWKEESDRKIMQSQIVSFYFKLFKNFKDDQSIQKSVETIKED
MNVKFFNSNKKKRDDFEKLTNYSVTDLNVQRKAIHELIQVMAELSPAAGTGKRKRSQMLFRGRASQ

Purity:> 95% by HPLC

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

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.