

32-1325: IFNG His Recombinant Protein

Alternative Name : Immune Interferon,type II interferon,T cell interferon,MAF,IFNG,IFG,IFI,IFN-gamma.

Description

Source : Escherichia Coli. IFN-Gamma Human Recombinant produced in E.Coli is a single, glycosylated polypeptide chain containing 159 amino acids (24-161 a.a) without cysteine residues and having a molecular mass of 18.5kDa (confirmed by MALDI-TOF). Proteolytic processing produces C-terminal heterogeneity, with proteins ending alternatively at Gly-150, Met-157 or Gly-161. IFN-Gamma is fused to a 21 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques. IFN-gamma produced by lymphocytes activated by specific antigens or mitogens. IFN-gamma, in addition to having antiviral activity, has important immunoregulatory functions, it is a potent activator of macrophages, and has antiproliferative effects on transformed cells and it can potentiate the antiviral and antitumor effects of the type I interferons.

Product Info

Amount :	50 µg
Purification :	Greater than 90.0% as determined by analysis by SDS-PAGE.
Content :	Interferon-g is supplied in phosphate-buffered Saline (pH 7.4).
Storage condition :	Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. Please avoid freeze thaw cycles.
Amino Acid :	MGSSHHHHHH SSGLVPRGSH MQDPYVKEAE NLKKYFNAGH SDVADNGTLF LGILKNWKEE SDRKIMQSQI VSFYFKLFKN FKDDQSIQKS VETIKEDMNV KFFNSNKKKR DDFEKLTNYS VTDLNVQRKA IHELIQVMAE LSPA AKTGKR KRSQMLFRG.