

## 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

|                            |   |
|----------------------------|---|
| <b>Amount :</b>            | 50 µg   |
| <b>Purification :</b>      | Greater than 90.0% as determined by analysis by SDS-PAGE.   |
| <b>Content :</b>           | Interferon-g is supplied in phosphate-buffered Saline (pH 7.4).   |
| <b>Storage condition :</b> | 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.  |
| <b>Amino Acid :</b>        | MGSSHHHHHH SGLVPRGSH MQDPYVKEAE NLKRYFNAGH SDVADNGTLF LGILKNWKEE<br>SDRKIMQSQI VSFYFKLFKN FKDDQSIQKS VETIKEDMNV KFFNSNKKKR DDFEKLTNYS<br>VTDLNVQRKA IHELIQVMAE LSPA AKTGKR KRSQMLFRG. |

