

# Human IFNG Recombinant Protein



RPPB0398

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## Product Information    Protein Information

**Product SKU:**

RPPB0398

**Accession:**

P01579

**Host:**

Escherichia Coli.

**Protein description:**

IFNG Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 159 amino acids (24-161 a.a) and having a molecular mass of 18.4kDa. IFNG is fused to a 21 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

**Appearance:**

Sterile Filtered colorless liquid.

**Synonyms:**

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

**Formulation:**

IFNG protein solution (1mg/ml) containing Phosphate buffered saline (pH 7.4) and 20% glycerol.

**Purity:**

Greater than 90.0% as determined by SDS-PAGE.

**Stability:**

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

**Amino Acid Sequence:**

MGSSHHHHHH SGLVPRGSH MQDPYVKEAE NLKKYFNAGH SDVADNGTLF LGILKNWKEE SDRKIMQSQI  
VSFYFKLFKN FKDDQSIQKS VETIKEDMNV KFFNSNKKKR DDFEKLTYNS VTDLNVQRKA IHELIQVMAE  
LSPA AKTGKR KRSQMLFRG.

**Biological Activity:**

Measured in a cytotoxicity assay using WiDr cells. The ED50 for this effect is  $\leq 5$  ng/ml.