

Interferon-gamma Recombinant Protein | IFNG recombinant protein

Recombinant Human Interferon-gamma His Tag

CATALOG #
AAA38223

HOST
E Coli

PRODUCT SYNONYMS

Interferon-gamma; Recombinant Human Interferon-gamma His Tag; IFN g Human; His; Interferon-Gamma Human Recombinant; His Tag; Immune Interferon; type II interferon; T cell interferon; MAF; IFNG; IFG; IFI; IFN-gamma; IFNG His; IFNG recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	Greater than 90.0% as determined by analysis by SDS-PAGE.
Form/Format	Interferon-g is supplied in phosphate-buffered Saline (pH 7.4).
Sequence	MGSSHHH HHHSSGLVPR GSHMQD PYVKEAENLK KYFNAGHSDV ADNGTLFLGI LKNWKEESDR KIMQSQIVSF YKLFKNFKD DQSIQKSVET IKEDMNVKFF NSNKKKRDDF EKLTNYSVTD LNVQRKAIHE LIQVMAELSP AAKTGKRKRS QMLFRG
Sequence Length	166
Physical Appearance	Sterile Filtered clear solution (1 mg/mL)
Preparation and Storage	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.

ADDITIONAL INFORMATION

Related Product Information for IFNG recombinant protein	Description: 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. Introduction: 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 Categories/Family for IFNG recombinant protein	Cytokines and Growth Factors ; Cytokines ; Interferon

NCBI AND UNIPROT INFORMATION

NCBI GI #	56786138
NCBI GeneID	3458
NCBI Accession #	NP_000610.2
NCBI GenBank Nucleotide #	NM_000619.2
UniProt Accession #	P01579 ; Q53ZV4 ; B5BU88

NCBI Official Full Name	interferon gamma
NCBI Official Synonym Full Names	interferon, gamma
NCBI Official Symbol	IFNG
NCBI Official Synonym Symbols	IFG; IFI
NCBI Protein Information	interferon gamma; IFN-gamma; immune interferon
UniProt Protein Name	Interferon gamma
UniProt Gene Name	IFNG
UniProt Synonym Gene Names	IFN-gamma
UniProt Entry Name	IFNG_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/ifng-recombinant-protein-e-coli/38223>