
Product Data Sheet

Product Name: IFN g Human, His
 Cat. No.: GP20396
 Batch No.: 1

Product Data

Purity	>98%	Source	Escherichia Coli.
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.
Synonyms	Immune Interferon; type II interferon; T cell interferon; MAF; IFNG; IFG; IFI; IFN-gamma.		
Amino Acid Sequence	MGSSHHHHHH SSGLVPRGSH MQDPYVKEAE NLKKYFNAGH SDVADNGTLF LGILKNWKEE SDRKIMQSQI VSFYFKLFKN FKDDQSIQKS VETIKEDMNV KFFNSNKKKR DDFEKLTNYS VTDLNVQRKA IHELIQVMAE LSPAAGTGKR KRSQMLFRG.		
Formulation	Interferon-g is supplied in phosphate-buffered Saline (pH 7.4).		

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.

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. Please avoid freeze thaw cycles.

Background

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.

Caution: Product has not been fully validated for medical applications. For research use only.

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