9051 Mira Mesa Blvd, #910094
San Diego, CA 92191
Tel: 760-390-3989

IFNG Human, His Active

Interferon-gamma Human Recombinant, His Tag Active
CYK0212

Product Overview

Name	IFNG Human, His Active
Description	
Interferon-gamma Human Recombinant, His Tag Active	
Accession (Primary)	P01579
Synonyms	
Immune Interferon, type II interferon, T cell interferon, MAF, IFNG, IFG, IFI, IFN-gamma.	
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.	
Source	
Escherichia Coli.	
Physical Appearance	
Sterile Filtered colorless liquid.	
Formulation	
IFNG protein solution (1mg/ml) containing Phosphate buffered saline (pH 7.4) and 20% glycerol.	
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.	
Purity	
Greater than 90.0% as determined by SDS-PAGE.	
Amino acid sequence	
MGSSHHHHHH SSGLVPRGSH M QDPYVKEAE NLKKYFNAGH SDVADNGTLF LGILKNWKEE SDRKIMQSQI VSFYFKLFKN FKDDQSIQKS VETIKEDMNV KFFNSNKKKR DDFEKLTNYS VTDLNVQRKA IHELIQVMAE LSPAAKTGKR KRSQMLFRG.	
Biological Activity	
Measured in a cytotoxicity assay using WiDr cells. The ED50 for this effect is ≤ 5 ng/ml.	

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Precautions

IFNG Human, His Active is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (P01579)