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

IFNG 139 a.a. Human

Interferon-gamma 139 a.a Human Recombinant
CYK0208

Product Overview

Name	IFNG 139 a.a. Human
Description	
Interferon-gamma 139 a.a Human Recombinant	
Accession (Primary)	P01579
Synonyms	
Interferon, Gamma, Immune Interferon, IFN-Gamma, IFG, IFI, Interferon Gamma 3, Interferon 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 interferons.	
Source	
Escherichia Coli.	
Physical Appearance	
Sterile Filtered clear solution.	
Formulation	
IFNG 139 a.a. protein solution (1mg/ml) contains PBS buffer (pH 7.4) and 10% 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. Please avoid freeze thaw cycles.	
Purity	
Greater than 90.0% as determined by analysis by SDS-PAGE.	
Amino acid sequence	
MQDPYVKEAE NLKKYFNAGH SDVADNGTLF LGILKNWKEE SDRKIMQSQI VSFYFKLFKN FKDDQSIQKS VETIKEDMNV KFFNSNKKKR DDFEKLTNYS VTDLNVQRKA IHELIQVMAE LSPAAKTGKR KRSQMLFRG.	
Biological Activity	
IFNG activity was wmasured in a cytotoxicity assay using WiDr cells. The ED50 was found to be less or equal to 0.5ng/ml.	

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Precautions

IFNG 139 a.a. Human is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (P01579)