9051 Mira Mesa Blvd, #910094
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IFNG Canine, His

Interferon-gamma Canine Recombinant, His Tag
CYK0210

Product Overview

Name	IFNG Canine, His
Description	
Interferon-gamma Canine Recombinant, His Tag	
Accession (Primary)	P42161
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 solution.	
Formulation	
IFNG protein solution (0.5mg/ml) contains 20mM MES (pH6.0), 20% glycerol, 0.1M NaCl and 1mM EDTA.	
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 95.0% as determined by SDS-PAGE.	
Amino acid sequence	
MGSSHHHHHH SSGLVPRGSH MGS QAMFFKE IENLKEYFNA SNPDVSDGGS LFVDILKKWR EESDKTIIQS QIVSFYLKLF DNFKDNQIIQ RSMDTIKEDM LGKFLNSSTS KREDFLKLIQ IPVNDLQVQR KAINELIKVM NDLSPRSNLR KRKRSQNLFR GRRASK.	
Precautions	
IFNG Canine, His is for research use only and not for use in diagnostic or therapeutic procedures.	

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Target Information: (P42161)