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## Product Data Sheet

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Product Name: IFNG Feline  
 Cat. No.: GP20405  
 Batch No.: 1

### Product Data

Purity	>98%	Source	Escherichia Coli.
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.
Synonyms	Interferon gamma; IFN-gamma; IFNG.		
Amino Acid Sequence	MGSSHHHHHH SGLVPRGSH MGSQAMFFKE IEELKGYFNA SNPDVADGGS LFVDILKNWK EESDKTIIQS QIVSFYLMKF ENLKDDDQRI QRSMPTIKED MLDKLLNTSS SKRDDFLKLI QIPVNDLQVQ RKAINELFKV MNDLSPRSNL RKRKRSQNLF RGRRASK.		
Formulation	IFNG protein solution (1mg/ml) containing PBS buffer (pH 7.4) and 10% glycerol.		

### 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. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

### Background

IFNG Feline Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 167 amino acids (24-167 a.a) and having a molecular mass of 19.3kDa. IFNG is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

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

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