

Interferon-gamma Feline Recombinant

Item Number	rAP-0477
Synonyms	Interferon gamma, IFN-gamma, IFNG.
Description	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.
Uniprot Accession Number	P46402
Amino Acid Sequence	MGSSHHHHH SSGLVPRGSH MGSQAMFFKE IEELKGYFNA SNPDVADGGS LFVDILKNWK EESDK-TIIQS QIVSFYLMKF ENLKDDQRI QRSMDTIKED MLDKLLNTSS SKRDDFLKLI QIPVNDLQVQ RKAINELFKV MNDLSPRSNL RKRKRSQNLF RGRRASK.
Source	Escherichia Coli.
Physical Appearance and Stability	Sterile Filtered colorless solution. 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.
Formulation and Purity	IFNG protein solution (1mg/ml) containing PBS buffer (pH 7.4) and 10% glycerol. Greater than 95.0% as determined by SDS-PAGE.
Application	
Solubility	
Biological Activity	
Shipping Format and Condition	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**