

IFNG

Recombinant Porcine IFN-gamma

Catalog No.	CRI006A CRI006B CRI006C	Quantity:	10 µg 50 µg 1.0 mg
Alternate Names:	Interferon-gamma		
Description:	<p>IFN-gamma produced by lymphocytes activated by specific antigens or mitogens. IFN-gamma, in addition to having anti-viral activity, has important immunoregulatory functions, is a potent activator of macrophages, has anti-proliferative effects on transformed cells, and can potentiate the anti-viral and anti-tumor effects of the type I interferons.</p> <p>Recombinant Porcine IFN-gamma is a single, non-glycosylated, polypeptide chain containing 146 amino acids and purified by proprietary chromatographic techniques.</p>		
GenelD:	396991		
Source:	<i>E. coli</i>		
Molecular Weight:	17.14 kDa		
Formulation:	Lyophilized, carrier-free.		
Purity:	>95% as determined by SDS-PAGE and RP-HPLC		
Endotoxin Level:	<0.1 ng/µg		
Biological Activity:	The ED ₅₀ as determined by the amount of interferon that inhibited 50% of the cytopathic effect of vesicular stomatitis virus in MDBK cells was found to be 0.2 - 0.6 ng/ml.		
Amino Acid Sequence:	The sequence of the first five N-terminal amino acids was determined and was found to be Ser-Tyr-Cys-Gln-Ala.		
Reconstitution:	Centrifuge vial prior to opening. Add sterile distilled water to the vial to a concentration not less than 100 µg/ml. After complete solubilization of the protein, it can be further diluted to other aqueous solutions.		
Storage & Stability:	Store lyophilized protein at -20°C to -80°C. Reconstituted protein is stable for 1 week at 2 -4°C. For long term storage, aliquot and store at -20°C to -80°C with a carrier protein (0.1% HSA or BSA) as a stabilizer. Please note that the addition of any carrier protein into this product may produce unwanted endotoxin. This depends upon the particular application employed. Avoid repeated freeze-thaw cycles.		

NOT FOR HUMAN USE. FOR RESEARCH ONLY. NOT FOR DIAGNOSTIC OR THERAPEUTIC USE.

