
Product Data Sheet

Product Name: IFNA7 Human

Cat. No.: GP20388

Batch No.: 1

Product Data

Purity	>98%	Source	E.coli.
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.
Synonyms	IFN alpha-7; IFN-alpha-7; IFN alpha-J; LeIF J; IFN alpha-J1; IFN-alpha-J1; IFNA7; IFNA-J; IFN-alphaJ.		
Amino Acid Sequence	MGSSHHHHHH SGLVPRGSH MGSHMCDLPQ THSLRNRRAL ILLAQMGRIS PFSCCLKDRHE FRFPEEEFDG HQFQKTQAIS VLHEMIQQTF NLFSTEDSSA AWEQSLLEKF STELYQQLND LEACVIQEVG VEETPLMNER FILAVRKYFQ RITLYLMEKK YSPCAWEVVR AEIMRSFSFS TNLKKGLRRK D.		
Formulation	IFNA7 protein solution (0.5mg/ml) containing 20mM Tris-HCl buffer (pH 8.0), 0.4M urea and 10% glycerol.		

Introduction

IFN alpha 7 (IFNA7) is a member of the alpha/beta IFN family. IFNA7 is generated by macrophages. IFN-alpha has antiviral functions. IFN promotes the production of 2 enzymes: a protein kinase and an oligoadenylate synthetase.

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

IFNA7 Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 191 amino acids (24-189 a.a) and having a molecular mass of 22.3kDa. IFNA7 is fused to a 25 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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