
Product Data Sheet

Product Name: IFA1 Porcine
 Cat. No.: GP26031
 Batch No.: 1

Product Data

Purity	>98%	Source	HEK293 cells.
Physical Appearance	solid	Shipping Condition	withIcePacks
Synonyms	Interferon alpha-1, Interferon-alpha, IFN-alpha-1, IFNA1, IFN-ALPHA-1, IFN1		
Amino Acid Sequence	DGSMCDLPQT HSLAHTRALR LLAQMRRISP FSCLDHR RDF GSPHEAFGGN QVQKAQAMAL VHEMLQQTFQ LFASTEGSAAA WNESLLHQFC TGLDQQLRDL EACVMQEAGL EGTPLLEEDS ILAVRKYFHR LTLYLQEKS Y SPCAW EIVRA EVMRSFSSSR NLQDRLRKKE HHHHHH		
Formulation	IFA1 protein (1mg/ml) contains 10% glycerol and Phosphate-Buffered Saline (pH 7.4).		

Introduction

IFNs are cytokines that are widely known to induce potent anti-viral activity. IFN- α exerts a variety of other biological effects, including antitumor and immunomodulatory activities and are increasingly used clinically to treat a range of malignancies, myelodysplasias and autoimmune diseases.

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

IFA1 porcine Recombinant produced in HEK293 cells is a single, glycosylated polypeptide chain (a.a 24-189) containing 176 amino acids and having a molecular mass of 20.2kDa. IFA1 is fused to a 6 amino acid His-tag at C-terminus & purified by proprietary chromatographic techniques.

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

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