
Product Data Sheet

Product Name: IFNA1 Human
 Cat. No.: GP20380
 Batch No.: 1

Product Data

Purity	>98%	Source	Escherichia Coli.
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.
Synonyms	IFNA1; IFN-alpha 1; IFN -a.		
Amino Acid Sequence	MCDLPETHSL DNRRTLMLLA QMSRISPSSC LMDRHDFGFP QEEFDGNQFQ KAPAVISVLHE LIQQIFNLFT TKDSSAAWDE DLLDKFCTEL YQQLNDLEAC VMQEERVGET PLMNVDSILA VKKYFRRITL YLTEKKYSPC AWEVVRAEIM RSLSLSTNLQ ERLRRKE.		
Formulation	1mg/ml in phosphate-buffered saline (PBS), 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

IFNA1 Human Recombinant produced in E.Coli is a single, non-glycosylated, polypeptide chain containing 167 amino acids (24-189) and having a molecular mass of 19.5 kDa. The IFN- α 1 is purified by proprietary chromatographic techniques.

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

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