
Product Data Sheet

Product Name: IFNA14 Human
 Cat. No.: GP20390
 Batch No.: 1

Product Data

Purity	>98%	Source	Escherichia Coli.
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.
Synonyms	Interferon alpha-14; IFN-alpha-14; Interferon alpha-H; LeIF H; Interferon lambda-2-H; IFNA14; LEIF2H; IFN-alphaH.		
Amino Acid Sequence	MGSSHHHHHH SGLVPRGSH MGSHEMCNLSQ THSLNRRRTL MLMAQMRRIS PFSCCLKDRHD FEFPQEEFDG NQFQKAQAIS VLHEMMQQTFLNFSTKNSSA AWDETLLEKF YIELFQQMND LEACVIQEVG VEETPLMNED SILAVKKYFQ RITLYLMEKK YSPCAWEVVR AEIMRSLSFSTNLQKRLRRK D.		
Formulation	IFNA14 protein solution (0.5mg/ml) containing 20mM Tris-HCl buffer (pH8.0), 50% glycerol, 0.2M NaCl and 2mM DTT.		

Introduction

Interferon alpha-14 (IFNA14) is a member of the alpha/beta interferon family. IFNA14 is produced by macrophages (IFN-alpha have antiviral activities). The interferon stimulates 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

IFNA14 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 22.4kDa. IFNA14 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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