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## Product Data Sheet

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Product Name: IFNA7 Human, Sf9  
 Cat. No.: GP20389  
 Batch No.: 1

### Product Data

Purity	>98%	Source	Sf9, Baculovirus cells.
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.
Synonyms	Interferon alpha-7; IFN-alpha-7; Interferon alpha-J; LeIF J; Interferon alpha-J1; IFN-alpha-J1; IFNA7; IFNA-J; IFN-alphaJ.		
Amino Acid Sequence	ADPCDLPQTH SLRNRRALIL LAQMGRISPF SCLKDRHEFR FPEEEFDGHQ FQKTQAISVL HEMIQQTFNL FSTEDSSAAW EQSLLEKFST ELYQQLNDLE ACVIQEVGVE ETPLMNEDFI LAVRKYFQRI TLYLMEKKYS PCAWEVVRAE IMRSFSFSTN LKKGLRRKDH HHHHH.		
Formulation	IFNA7 protein solution (0.25mg/ml) containing Phosphate Buffered Saline (pH 7.4) and 10% glycerol.		

### Introduction

Interferon alpha 7 (IFNA7) is a member of the alpha/beta interferon family. IFNA7 is generated by macrophages. IFN-alpha has antiviral functions. Interferon 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 Sf9 Baculovirus cells is a single, glycosylated polypeptide chain containing 175 amino acids (24-189) and having a molecular mass of 20.7kDa (Molecular size on SDS-PAGE will appear at approximately 18-28kDa). IFNA7 is fused to a 9 amino acid IgG His-Tag at C-terminus and purified by proprietary chromatographic techniques.

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

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