

## IFNA7 Human

**Description:** 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.

**Catalog #:** CYP5-203

For research use only.

**Synonyms:** Interferon alpha-7, IFN-alpha-7, Interferon alpha-J, LeIF J, Interferon alpha-J1, IFN-alpha-J1, IFNA7, IFNA-J, IFN-alphaJ.

**Source:** E.coli.

**Physical Appearance:** Sterile Filtered colorless solution.

**Amino Acid Sequence:** MGSSHHHHHH SSGLVPRGSH MGSHMCDLPQ THSLRNRRAL  
ILLAQMGRIS PFSCDKDRHE FRFPEEEFDG HQFQKTQAIS VLHEMIQQTFLNFSTEDSSA  
AWEQSLLLEKF STELYQQLND LEACVIEVG VEETPLMNED FILAVRKYFQ RITLYLMEKK  
YSPCAWEVVR AEIMRSFSFS TNLKKGLRRK D.

**Purity:** Greater than 90% as determined by SDS-PAGE.

**Formulation:**

IFNA7 protein solution (0.5mg/ml) containing 20mM Tris-HCl buffer (pH 8.0), 0.4M urea and 10% glycerol.

**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.

**Usage:**

NeoBiolab's products are furnished for LABORATORY RESEARCH USE ONLY. The product may not be used as drugs, agricultural or pesticidal products, food additives or household chemicals.

**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.

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