

IFNA14 Human

Description: 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.

Catalog #: CYPs-142

For research use only.

Synonyms: Interferon alpha-14, IFN-alpha-14, Interferon alpha-H, LeIF H, Interferon lambda-2-H, IFNA14, LEIF2H, IFN-alphaH.

Source: Escherichia Coli.

Physical Appearance: Sterile filtered colorless solution.

Amino Acid Sequence: MGSSHHHHHH SSGLVPRGSH MGSHMCNLSQ THSLNNRRTL
MLMAQMRRIS PFCLKDRHD FEFPQEEFDG NQFQKAQAIS VLHEMMQQTFLNLFSTKNSSA
AWDETLLLEKF YIELFQQMND LEACVIQEVG VEETPLMNED SILAVKKYFQ RITLYLMEKK
YSPCAWEVVR AEIMRSLSFS TNLQKRLRRK D.

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

Formulation:

IFNA14 protein solution (0.5mg/ml) containing 20mM Tris-HCl buffer (pH8.0), 50% glycerol, 0.2M NaCl and 2mM DTT.

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-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.

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