

IFN a 1 Human

Description: 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-alpha 1 is purified by proprietary chromatographic techniques.

Catalog #: CYPs-298

For research use only.

Synonyms: IFNA1, IFN-alpha 1, Interferon -a.

Source: Escherichia Coli.

Physical Appearance: Sterile Filtered colorless solution.

Amino Acid Sequence: MCDLPETHSL DNRRTLMLLA QMSRISPSSC LMDRHDFGFP
QEEFDGNQFQ KAPAI SVLHE LIQQIFNLFT TKDSSAAWDE DLLDKFCTEL YQQLNDLEAC
VMQEERVGET PLMNVDSILA VKKYFRRITL YLTEKKYSPC AWEVVRAEIM RSLSLSTNLQ
ERLRRKE.

Purity: Greater than 95.0% as determined by SDS-PAGE.

Formulation:

1mg/ml in phosphate-buffered saline (PBS), pH 7.4.

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:

Interferons are cytokines that are widely known to induce potent anti-viral activity. Interferon-a 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.

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