

IFN a 2b Human, 20 kd PEG

Description: Interferon-a 2b Human Recombinant produced in E.coli is a single, non-glycosylated, polypeptide chain containing 165 amino acids and having a molecular mass of 19269 Dalton. The Pegylated IFN-a 2b is produced by attaching a 20kDa mPEG-aldehyde to the N-terminal IFN alpha-2b. Interferon-a 2b is purified by proprietary chromatographic techniques.

Catalog #: CYPs-041

For research use only.

Synonyms: Interferon alpha 2b, IFNA, INFA2, MGC125764, MGC125765.

Source: Escherichia Coli.

Physical Appearance: Colorless, clear and transparent solution.

Purity: Greater than 97.0% as determined by SEC-HPLC.

Formulation:

IFN-a 2b is supplied in solution (1.48mg/ml) containing 20mM Acetate Buffer (pH 6.0), 0.8%NaCl and 0.005% Polysorbate 80.

Stability:

IFN alpha-2b PEG should be stored refrigerated at 2

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:

IFN-alpha is produced by macrophages and has antiviral activities. Interferon stimulates the production of two enzymes: protein kinase and an oligoadenylate synthetase.

Biological Activity:

The specific activity as determined in a viral resistance assay using VSV-WISH cells was found to be 3,000,000 IU/mg.

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