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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Interferon-alpha 2b 20kd, pegylated, human recombinant (rHuIFN-alpha2b-20kd-PEG)

Catalog No: 97481
Lot No: XXXXX
Source: *E. coli*
Synonyms: Interferon alpha 2b, IFNA, INFA2, MGC125764, MGC125765

Background

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

Description

Interferon alpha 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. Pegylated IFN-a 2b is produced by attaching a 20 kDa mPEG-aldehyde to the N-terminal IFN alpha-2b. Interferon-a 2b is purified by proprietary chromatographic techniques.

Physical Appearance

Colorless, clear and transparent solution.

Formulation

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

Stability

IFN alpha-2b PEG should be stored refrigerated at 2° to 8°C. Vials should be kept in their packaging to protect from light until the time of use. Shaking and freezing should be avoided.

Purity

Greater than 97.0% as determined by SEC-HPLC.

Activity

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

Usage

This product is offered by Biomol for research purposes only. Not for diagnostic purposes or human use. It may not be resold or used to manufacture commercial products without written approval of Biomol GmbH.