
Product Data Sheet

Product Name: IFN a 2b Human, 20 kd PEG

Cat. No.: GP20387

Batch No.: 1

Product Data

Purity	>98%	Source	Escherichia Coli.
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.
Synonyms	Interferon alpha 2b; IFNA; INFA2; MGC125764; MGC125765.		
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.		

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.

Stability

IFN alpha-2b PEG should be stored refrigerated at 26y to 8°C . Vials should be kept in theirpackaging to protect from light until the time of use. Shaking and freezing should be avoided.

Background

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 PegylatedIFN-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.

Caution: Product has not been fully validated for medical applications. For research use only.

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