
Product Data Sheet

Product Name: IFN α 2b Human, Yeast

Cat. No.: GP20386

Batch No.: 1

Product Data

Purity >98% Source *Saccharomyces cerevisiae*.

Physical Appearance solid Shipping Condition Shipped at Room temp.

Synonyms Interferon alpha 2b; IFNA; INFA2; IFN- α 2b; MGC125764; MGC125765.

Amino Acid Sequence The sequence of the first five N-terminal amino acids was determined and was found to be Cys-Asp-Leu-Pro-Gln.

Solubility It is recommended to reconstitute the lyophilized glycosylated IFN α 2b in sterile 18M Ω -cm H₂O not less than 100 μ g/ml, which can then be further diluted to other aqueous solutions.

Formulation Lyophilized from a 0.2 μ m filtered concentrated (1mg/ml) solution in PBS, pH-7.4.

Introduction

IFN- α 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 was found to be no less than 300,000,000IU/mg.

Stability

Lyophilized glycosylated IFN- α 2b although stable at room temperature for 3 weeks, should be stored desiccated below -18°C . Upon reconstitution IFN- α 2b should be stored at 4°C between 2-7 days and for future use below -18°C .For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA).Please prevent freeze-thaw cycles.

Background

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

Tel: (909) 407-4943 Fax: (626) 353-8530 E-mail: tech@glpbio.com

Address: 10292 Central Ave. #205, Montclair, CA, USA

Product Data Sheet

Interferon-alpha 2b Human Recombinant produced in yeast is a single, glycosylated, polypeptide chain containing 165 amino acids and having a molecular mass of approximately 19 kDa. The Interferon-alpha 2b gene was obtained from human leukocytes. The IFN-a 2b is purified by proprietary chromatographic techniques.

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

Tel: (909) 407-4943 Fax: (626) 353-8530 E-mail: tech@glpbio.com

Address: 10292 Central Ave. #205, Montclair, CA, USA