

Product Datasheet

Human Interferon-alpha 2b protein (orb80039)

Description

Interferon-a 2b Human Recombinant

glycosylated, polypeptide chain...

Conjugation

Unconjugated

Tested

FA, HPLC, SDS-PAGE

Applications

Target

IFN 2b

Preservatives

Lyophilized from (1 mg/ml) solution in containing 2.3 mg Sodium phosphate dibasic and 0.55 mg sodium phosphate monobasic buffer.

Storage

Store at 4°C for up to two weeks. For long term storage, aliquot and store at -20°C, avoid freeze/thaw cycles.

Note

For research use only

Application notes

Experiment Notes: Protein quantitation was carried out by two independent methods1. UV spectroscopy at 280 nm using the absorbency value of 0.924 as the extinction coefficient for 0.1% (1mg/ml) solution. This value is calculated by the PC GENE computer analysis program of protein sequences (IntelliGenetics). 2. Analysis by RP-HPLC, using calibrated solution of IFN alpha 2b as Reference Standard.

Protein Sequence

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

Purity

> 98.0% as determined by RP-HPLC and analysis by SDS-PAGE

Solubility (25°C)

It is recommended to reconstitute the lyophilized Interferon-alpha 2b in sterile H₂O not less than 100ug/ml, which can then be further diluted to other aqueous solutions.

Expiration Date

6 months from date of receipt.