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## Product Datasheet

### Human Interferon-alpha 2b protein (orb80039)

**Description**

Interferon-a 2b Human Recombinant

glycosylated, polypeptide chai...

**Conjugation**

Unconjugated

**Tested Applications**

FA, HPLC, SDS-PAGE

**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**

&gt; 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 H<sub>2</sub>O not less than 100ug/ml, which can then be further diluted to other aqueous solutions.

**Expiration Date**

6 months from date of receipt.