

Product Datasheet

Human Interferon-alpha 2a protein (orb80038)

Description Interferon Alpha Human 2a Recombinant produced in E.coli is a single, non-glycosylated, polypeptide ...

Conjugation Unconjugated

Tested Applications FA, HPLC, SDS-PAGE

Target IFN 2a

Preservatives Lyophilized lyophilized without additives.

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

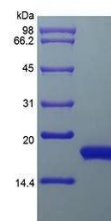
Application notes **Experiment Notes:** Protein quantitation was carried out by two independent methods1. UV spectroscopy at 280 nm using the absorbency value of 0.924 as the extinction coefficient for 0.1% (1mg/ml) solution. This value is calculated by the PC GENE computer analysis program of protein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

Protein Sequence The sequence of the first five N-terminal amino acids was determined and was found to be Cys-Asp-Leu-Pro-Gln, conforming to the sequence of native human IFN-a.N-terminal methionine has been completely removed enzymatically.

Purity > 98.0% as determined by both(a) Analysis by RP-HPLC.(b) Analysis by SDS-PAGE.

Solubility (25°C) It is recommended to reconstitute the lyophilized Interferon-alpha 2a 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.



SDS-PAGE analysis of Human Interferon-alpha...