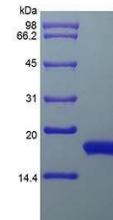


Product Datasheet

Human Interferon-alpha 2a protein (orb80038)

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|----------------------------|---|
| 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 H ₂ O 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...