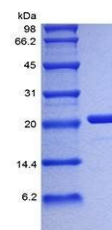


Product Datasheet

Human IL6 protein (orb80063)

| | |
|----------------------------|--|
| Description | Human IL6 protein |
| Conjugation | Unconjugated |
| Tested Applications | FA, HPLC, SDS-PAGE |
| Target | Human IL6 |
| Preservatives | Lyophilized from 0.2 um filtered concentrated (1mg/ml) solution in PBS, pH 7.4. |
| 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 0.47 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 standard solution of IL-6 as Reference Standard. |
| Protein Sequence | The sequence of the first five N-terminal amino acids was determined and was found to be Met-Pro-Val-Pro-Pro. |
| Purity | > 97.0% as determined by RP-HPLC and analysis by SDS-PAGE |
| Solubility (25°C) | It is recommended to reconstitute the lyophilized Interleukin-6 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 IL6 protein