

## Product Datasheet

### Mouse IL10 protein (orb80068)

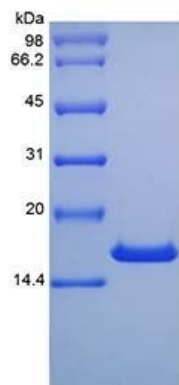
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|----------------------------|---|
| <b>Description</b>         | IL-10 Recombinant Mouse produced in E.coli is a single, non-glycosylated polypeptide chain containing 161 amino acids and having a molecular mass of 18785 Dalton. The IL10 Mouse is purified by proprietary chromatographic techniques.  |
| <b>Conjugation</b>         | Unconjugated  |
| <b>Tested Applications</b> | FA, HPLC, SDS-PAGE  |
| <b>Target</b>              | mIL 10  |
| <b>Preservatives</b>       | The protein was lyophilized after extensive dialysis against PBS.   |
| <b>Storage</b>             | Store at 4°C for up to two weeks. For long term storage, aliquot and store at -20°C, avoid freeze/thaw cycles.  |
| <b>Note</b>                | For research use only   |
| <b>Application notes</b>   | strong>Experiment Notes: Protein quantitation was carried out by two independent methods1. UV spectroscopy at 280 nm using the absorbency value of 0.34 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 IL-10 as Reference Standard. |
| <b>Protein Sequence</b>    | The sequence of the first five N-terminal amino acids was determined and was found to be Met-Ser-Arg-Gly-Gln.   |
| <b>Purity</b>              | > 98.0% as determined by RP-HPLC and analysis by SDS-PAGE   |
| <b>Solubility (25°C)</b>   | It is recommended to reconstitute the lyophilized IL-10 Mouse Recombinant in sterile H <sub>2</sub> O not less than 100ug/ml, which can then be further diluted to other aqueous solutions.   |
| <b>Expiration Date</b>     | 6 months from date of receipt.  |

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SDS-PAGE analysis of Mouse IL10 protein

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