

Product Datasheet

Recombinant Mouse Oncostatin M/OSM Protein NBP2-35112-100ug

Unit Size: 100 ug

Store at -20 to -70C as supplied. After reconstitution, store at 2 to 8C for 1 month and at -20 to -70C for long term storage. Avoid repeated freeze-thaw cycles.

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NBP2-35112-100ug

Recombinant Mouse Oncostatin M/OSM Protein

| Product Information | |
|-----------------------------|---|
| Unit Size | 100 ug |
| Concentration | Lyoph |
| Storage | Store at -20 to -70C as supplied. After reconstitution, store at 2 to 8C for 1 month and at -20 to -70C for long term storage. Avoid repeated freeze-thaw cycles. |
| Preservative | 5% Trehalose |
| Reconstitution Instructions | Recommended to centrifuge prior to opening. Reconstitute in sterile distilled water or aqueous buffer containing 0.1% BSA to a concentration of 0.1-1.0mg/mL. |
| Purity | >95%, by SDS-PAGE and HPLC |
| Buffer | Lyophilized from a 0.2 um filtered concentrated solution in 2 x PBS, pH 7.4. |
| Target Molecular Weight | 20.4 kDa |

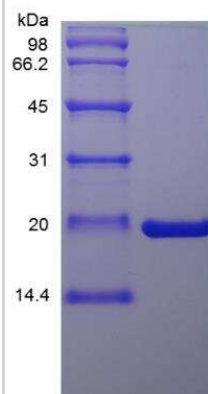
| Product Description | |
|--------------------------|--|
| Description | <p>A single non-glycosylated polypeptide chain containing 181 amino acids corresponding to Oncostatin M/OSM Source: <i>E. coli</i></p> <p>Uniprot ID: P53347</p> <p>Amino Acid Sequence: NRGCSNSSSQ LLSQLQNQAN LTGNTESLLE PYIRLQNLNT PDLRAACTQH SVAFPSEDTL RQLSKPHFLS TVYTTLDRVL YQLDALRQKF LKTPAFPGLD SARHNILGIR NNVFCMARLL NHSLEIPEPT QTDSGASRST TTPDVFNKI GSCGFLWGYH RFMGSVGRVF REWDDGSTRS R</p> |
| Gene ID | 5008 |
| Gene Symbol | OSM |
| Species | Mouse |
| Details of Functionality | Oncostatin M/OSM protein is fully biologically active when compared to standard. The ED50 as determined by a cell proliferation assay using murine NIH-3T3 cells is less than 1.0 ng/ml, corresponding to a specific activity of > 1.0 x 10 ⁶ IU/mg |
| Endotoxin Note | Less than 1 EU/ug of Oncostatin M/OSM as determined by LAL method. |

| Product Application Details | |
|-----------------------------|-----------------------|
| Applications | SDS-Page, Bioactivity |
| Recommended Dilutions | SDS-Page, Bioactivity |



Images

SDS-Page: Mouse Oncostatin M/OSM Protein [NBP2-35112]





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Products Related to NBP2-35112-100ug

| | |
|------------------|--|
| NBP2-35115-100ug | Recombinant Human Oncostatin M/OSM Protein |
| 210-TA-005 | TNF-alpha [Unconjugated] |
| 8475-OM-010/CF | Oncostatin M/OSM [Unconjugated] |
| M6000B-1 | IL-6 [HRP] |

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Peptides and proteins are guaranteed for 3 months from date of receipt.

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