

## Datasheet: PHP068

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|----------------------|--------------------------------|
| <b>Description:</b>  | RECOMBINANT HUMAN ONCOSTATIN M |
| <b>Name:</b>         | ONCOSTATIN M                   |
| <b>Format:</b>       | Rec. Protein                   |
| <b>Product Type:</b> | Recombinant Protein            |
| <b>Quantity:</b>     | 10 µg                          |

## Product Details

**Applications** This product has been reported to work in the following applications. This information is derived from testing within our laboratories, peer-reviewed publications or personal communications from the originators. Please refer to references indicated for further information. For general protocol recommendations, please visit [www.abdserotec.com/protocols](http://www.abdserotec.com/protocols).

|                   | Yes | No | Not Determined | Suggested Dilution |
|-------------------|-----|----|----------------|--------------------|
| ELISA             |     |    | ■              |                    |
| Functional Assays | ■   |    |                | 0.2ng/ml - 2ng/ml  |

Where this protein has not been tested for use in a particular technique this does not necessarily exclude its use in such procedures. Suggested working dilutions are given as a guide only. It is recommended that the user titrates the product for use in their own system using appropriate positive/negative controls.

|                                       |   |
|---------------------------------------|---|
| <b>Target Species</b>                 | Human   |
| <b>Product Form</b>                   | Purified recombinant protein expressed in <i>E. coli</i> - lyophilised  |
| <b>Reconstitution</b>                 | Reconstitute with 0.1 ml distilled water  |
| <b>Note</b>                           | Care should be taken during reconstitution as the protein may appear as a film at the bottom of the vial. Serotec recommend that the vial is gently mixed after reconstitution. |
| <b>Preservative Stabilisers</b>       | None present.   |
| <b>Endotoxin Level</b>                | <0.1ng/ug   |
| <b>Approx. Protein Concentrations</b> | 0.1 mg/ml   |

|                                |  |
|--------------------------------|--|
| <b>External Database Links</b> | <p><b>UniProt:</b><br/> <a href="#">P13725</a> ONCM_HUMAN <a href="#">Related reagents</a></p> <p><b>Entrez Gene:</b><br/> <a href="#">5008</a> OSM <a href="#">Related reagents</a></p> |
|--------------------------------|--|

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|---------------------------------|--|
| <b>Product Information</b>      | Oncostatin M is a growth regulating cytokine that has variable effects dependent upon the target cell. Oncostatin M has inhibitory effects upon the proliferation of A375 melanoma cells and other malignant cells, but stimulates normal fibroblasts and AIDS related Kaposi sarcoma cells. |
| <b>Protein Molecular Weight</b> | 26kD (227 Amino acid sequence)   |
| <b>Activity</b>                 | 5 x 10 <sup>5</sup> units/mg   |
| <b>Purity</b>                   | >98% by SDS PAGE   |

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|--------------------------------------|--|
| <b>Storage</b>                       | Prior to reconstitution store at +4°C. Following reconstitution store at -20°C.<br><br>This product should be stored undiluted.<br><br>Storage in frost-free freezers is not recommended. Avoid repeated freezing and thawing as this may denature the protein. Should this product contain a precipitate we recommend microcentrifugation before use. |
| <b>Shelf Life</b>                    | 18 months from date of despatch.   |
| <b>Health And Safety Information</b> | Material Safety Datasheet Documentation #10277 available at:<br><a href="http://www.abdserotec.com/uploads/MSDS/10277.pdf">http://www.abdserotec.com/uploads/MSDS/10277.pdf</a>  |
| <b>Regulatory</b>                    | For research purposes only   |

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