

## Product datasheet

# Recombinant Human Oncostatin M/OSM protein ab151857

### Description

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<b>Product name</b>	Recombinant Human Oncostatin M/OSM protein	
<b>Purity</b>	> 95 % SDS-PAGE. Purity is greater than 95% as determined by SEC-HPLC and reducing SDS-PAGE.	
<b>Endotoxin level</b>	< 1.000 Eu/μg	
<b>Expression system</b>	Escherichia coli	
<b>Accession</b>	<a href="#">P13725</a>	
<b>Protein length</b>	Full length protein	
<b>Animal free</b>	No	
<b>Nature</b>	Recombinant	
<b>Species</b>	Human	
<b>Sequence</b>	AAIGSCSKEYRVLLGQLQKQTDLMQDTSRLLDPYIRIQG LDVPKLREHCR ERPGAFPSEETLRGLGRRGFLQTLNATLGCVLHRLAD LEQRLPKAQDLER SGLNIEDLEKLQMARPNILGLRNNIYCMAQLLDNSDTAE PTKAGRGASQP PTPTPASDAFQRKLEGCRFLHGYHRFMHSVGRVFSK WGESPNSRR	
<b>Predicted molecular weight</b>	22 kDa	
<b>Amino acids</b>	26 to 221	

### Specifications

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Our [Abpromise guarantee](#) covers the use of **ab151857** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

<b>Applications</b>	HPLC SDS-PAGE
<b>Form</b>	Lyophilised

### Preparation and Storage

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<b>Stability and Storage</b>	Shipped at 4°C. The lyophilized protein is stable for a few weeks at room temperature. Store at -20°C long term.  pH: 7.20 Constituents: 99% Phosphate Buffer, 0.88% Sodium chloride
<b>Reconstitution</b>	Dissolve the lyophilized protein in 1X PBS. It is not recommended to reconstitute to a concentration less than 100 µg/ml.  Reconstituted protein solution can be stored at 4-7°C for 2-7 days. For long term storage aliquot and store at < -20°C.

## General Info

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<b>Function</b>	Growth regulator. Inhibits the proliferation of a number of tumor cell lines. Stimulates proliferation of AIDS-KS cells. It regulates cytokine production, including IL-6, G-CSF and GM-CSF from endothelial cells. Uses both type I OSM receptor (heterodimers composed of LIPR and IL6ST) and type II OSM receptor (heterodimers composed of OSMR and IL6ST).
<b>Sequence similarities</b>	Belongs to the LIF/OSM family.
<b>Cellular localization</b>	Secreted.

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**Please note:** All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

## Our Abpromise to you: Quality guaranteed and expert technical support

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- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
- Response to your inquiry within 24 hours
- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
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If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise, please visit <https://www.abcam.com/abpromise> or contact our technical team.

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