

## Product datasheet

# Recombinant Rat Oncostatin M/OSM protein (His tag) ab267841

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### Description

<b>Product name</b>	Recombinant Rat Oncostatin M/OSM protein (His tag)
<b>Purity</b>	> 90 % SDS-PAGE. NULL
<b>Expression system</b>	Mammalian
<b>Accession</b>	<u><b>Q65Z15</b></u>
<b>Protein length</b>	Full length protein
<b>Animal free</b>	No
<b>Nature</b>	Recombinant
<b>Species</b>	Rat
<b>Sequence</b>	KRGCSSSSPKLLSQLKSQANITGNTASLLEPYILHQNLT TLRAACTEH PVAFPSEDMLRQLSKPDFLSTVHATLGRVWHQLGAFRQ QFPKIQDFPELE RARQNIQGIRNNVYCMARLLHPPLEIPEPTQADSGTSRPTT TAPGIFQIK IDSCRFLWGYHRFMGSVGRVFEEWGDGSRRSRR
<b>Predicted molecular weight</b>	28 kDa
<b>Amino acids</b>	26 to 208
<b>Tags</b>	His tag N-Terminus
<b>Additional sequence information</b>	Mature chain

### Specifications

Our **Abpromise guarantee** covers the use of **ab267841** in the following tested applications.

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

**Applications** SDS-PAGE

**Form** Liquid

### Preparation and Storage

## Stability and Storage

Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle.

pH: 7.2

Constituents: PBS, 6% Trehalose

## General Info

### Function

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).

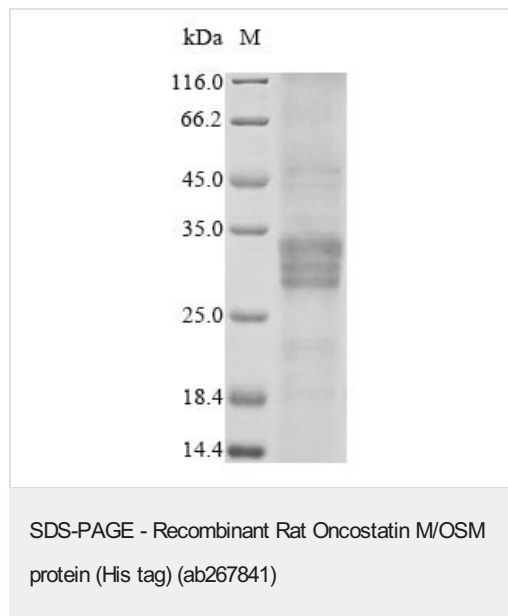
### Sequence similarities

Belongs to the LIF/OSM family.

### Cellular localization

Secreted.

## Images



SDS-PAGE analysis of recombinant oncostatin m protein (ab267841). (Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

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

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- Replacement or refund for products not performing as stated on the datasheet
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