9051 Mira Mesa Blvd, #910094
San Diego, CA 92191
Tel: 760-390-3989

# OSM Mouse

*Oncostatin-M Mouse Recombinant*
*GRF0297*

## Product Overview

| | |
|---|---|
| Name | OSM Mouse |

**Description**

Oncostatin-M Mouse Recombinant

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|---|---|
| Accession (Primary) | P53347 |

**Synonyms**

Oncostatin-M, OSM, OncoM.

**Introduction**

Oncostatin M is a member of a cytokine family that includes leukemia-inhibitory factor, granulocyte colony-stimulating factor, and interleukin 6. This gene encodes a growth regulator which inhibits the proliferation of a number of tumor cell lines. It regulates cytokine production, including IL-6, G-CSF and GM-CSF from endothelial cells.

**Source**

Escherichia Coli.

**Physical Appearance**

Sterile Filtered White lyophilized (freeze-dried) powder.

**Formulation**

OSM protein was lyophilized from a 0.2 µm filtered concentrated solution in 1xPBS, pH 7.4.

**Stability**

Lyophilized Oncostatin M although stable at room temperature for 3 weeks, should be stored desiccated below -18°C. Upon reconstitution Oncostatin should be stored at 4°C between 2-7 days and for future use below -18°C.For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Please prevent freeze-thaw cycles.

**Purity**

Greater than 95.0% as determined by: (a) Analysis by RP-HPLC. (b) Analysis by SDS-PAGE.

**Amino acid sequence**

NRGCSNSSSQ LLSQLQNQAN LTGNTESLLE PYIRLQNLNT PDLRAACTQH SVAFPSEDTL RQLSKPHFLS TVYTTLDRVL YQLDALRQKF LKTPAFPKLD SARHNILGIR NNVFCMARLL NHSLEIPEPT QTDSGASRST TTPDVFNTKI GSCGFLWGYH RFMGSVGRVF REWDDGSTRS R.

**Biological Activity**

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**Solubility**

It is recommended to reconstitute the lyophilized Oncostatin M in sterile 18MΩ-cm H2O not less than 100 µg/ml, which can then be further diluted to other aqueous solutions.

**Precautions**

OSM Mouse is for research use only and not for use in diagnostic or therapeutic procedures.

## Target Information: ( P53347 )