

# Human Oncostatin M / OSM Protein

Catalog Number: 10452-HNAH



**Sino Biological Inc.**

Biological Solution Specialist

## General Information

### Gene Name Synonym:

Oncostatin M, OSM

### Protein Construction:

A DNA sequence encoding the human OSM (NP\_065391.1) (Met1-Arg221) was expressed.

**Source:** Human

**Expression Host:** Human Cells

## QC Testing

**Purity:** > 95 % as determined by SDS-PAGE.

### Bio-Activity:

Measured in a cell proliferation assay using TF-1 human erythroleukemic cells.

The ED50 for this effect is typically 0.2-1 ng/mL.

### Endotoxin:

< 1.0 EU per µg protein as determined by the LAL method.

### Stability:

Samples are stable for up to twelve months from date of receipt at -70 °C

**Predicted N terminal:** Ala 26

### Molecular Mass:

The recombinant human OSM consists 196 amino acids and predicts a molecular mass of 22.2 kDa.

### Formulation:

Lyophilized from sterile PBS, pH 7.4.

Normally 5 % - 8 % trehalose and mannitol are added as protectants before lyophilization. Specific concentrations are included in the hardcopy of COA. Please contact us for any concerns or special requirements.

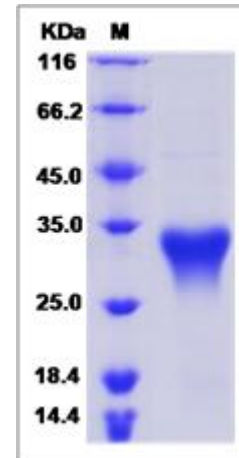
## Usage Guide

### Storage:

Store it under sterile conditions at -20°C to -80°C upon receiving. Recommend to aliquot the protein into smaller quantities for optimal storage.

Avoid repeated freeze-thaw cycles.

### SDS-PAGE:



### Reconstitution:

Detailed reconstitution instructions are sent along with the products.

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