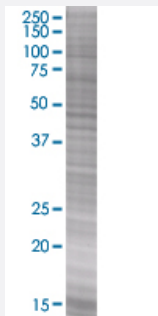


# OSM 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # H00005008-T02

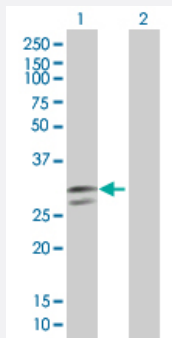
Size 100 uL

## Applications



### SDS-PAGE Gel

OSM transfected lysate



### Western Blot

Lane 1: OSM transfected lysate ( 28.5 KDa).

Lane 2: Non-transfected lysate.

## Specification

**Transfected Cell Line** 293T

**Plasmid** pCMV-OSM full-length

**Host** Human

**Theoretical MW (kDa)** 28.5

**Quality Control Testing** Transient overexpression cell lysate was tested with Anti-OSM antibody ([H00005008-B02](#)) by Western Blots.  
SDS-PAGE Gel  
OSM transfected lysate  
Western Blot  
Lane 1: OSM transfected lysate ( 28.5 KDa).  
Lane 2: Non-transfected lysate.

|                     |                                                                                                           |
|---------------------|-----------------------------------------------------------------------------------------------------------|
| Storage Buffer      | 1X Sample Buffer (50 mM Tris-HCl, 2% SDS, 10% glycerol, 300 mM 2-mercaptoethanol, 0.01% Bromophenol blue) |
| Storage Instruction | Store at -80°C. Aliquot to avoid repeated freezing and thawing.                                           |

## Applications

- Western Blot

## Gene Info — OSM

|                     |                                                                                                                                                                                                                                                                                                                                                                          |
|---------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Entrez GeneID       | <a href="#">5008</a>                                                                                                                                                                                                                                                                                                                                                     |
| GeneBank Accession# | <a href="#">NM_020530</a>                                                                                                                                                                                                                                                                                                                                                |
| Protein Accession#  | <a href="#">NP_065391</a>                                                                                                                                                                                                                                                                                                                                                |
| Gene Name           | OSM                                                                                                                                                                                                                                                                                                                                                                      |
| Gene Alias          | MGC20461                                                                                                                                                                                                                                                                                                                                                                 |
| Gene Description    | oncostatin M                                                                                                                                                                                                                                                                                                                                                             |
| Omim ID             | <a href="#">165095</a>                                                                                                                                                                                                                                                                                                                                                   |
| Gene Ontology       | <a href="#">Hyperlink</a>                                                                                                                                                                                                                                                                                                                                                |
| Gene Summary        | 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. [provided by RefSeq] |
| Other Designations  | -                                                                                                                                                                                                                                                                                                                                                                        |

## Pathway

- [Cytokine-cytokine receptor interaction](#)
- [Jak-STAT signaling pathway](#)

## Disease

- [Cardiovascular Diseases](#)
- [Diabetes Mellitus](#)
- [Edema](#)
- [Genetic Predisposition to Disease](#)
- [Mental Disorders](#)