

Recombinant human OSM (Active, Tag free)

- Cat. Number:** ck0012
- Quantity size:** 10µg / 50ug / 500µg
- Protein Sequence:** 26-252aa, Tag free, full length mature protein
- Swiss-Prot:** P13725
- Gene ID:** 5008
- Source:** Human cells derived
- Structure:** Glycosylated monomer
- Purity:** >95% by SDS-PAGE
- MW:** 30kDa
- Endotoxin Level:** <0.5EU/ug
- Formulation:** Lyophilized from a 0.2µm filtered solution in PBS without carrier protein
Animal and Xeno free
- Activity Assay:** The activity was measured by its ability to stimulate the proliferation of human TF-1 cells (human erythroleukemic indicator cell line).
- Reconstitution:** Briefly centrifuge the vial before opening. It is recommended to reconstitute the protein in sterile PBS containing 0.1% endotoxin-free recombinant human serum albumin.
- Stability & Storage:** Use a manual defrost freezer and avoid repeated freeze-thaw cycles. In general: 12 months from date of receipt, -20 to -80°C as supplied. 1 month, 2 to 8°C under sterile conditions after reconstitution. 3 months, -20 to -80 °C under sterile conditions after reconstitution.
- Description:** Oncostatin M (OSM) is a 30 kDa secreted cytokine belonging to the Interleukin 6 family. OSM inhibits the proliferation of a number of tumor cell lines. It also stimulates proliferation of AIDS-KS cells. It regulates cytokine production, including IL-6, G-CSF and GM-CSF from endothelial cells. OSM plays crucial roles in inflammation, neuroprotection, hematopoiesis, metabolism and development.

Important Note: This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.