

## 32-1647: OSM HEK Recombinant Protein(Discontinued)

**Alternative Name :** OSM,MGC20461.

### Description

Source : HEK. Oncostatin-M Human Recombinant produced in HEK cells is a glycosylated monomer, having a total molecular weight of 30kDa. The OSM is purified by proprietary chromatographic techniques. 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.

### Product Info

**Amount :** 10 µg  
**Purification :** Greater than 95% as observed by SDS-PAGE.  
**Content :** The OSM was lyophilized from 1mg/ml in 1xPBS.  
**Storage condition :** Lyophilized OSM although stable at room temperature for 3 weeks, should be stored desiccated below -18°C. Upon reconstitution OSM 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.

### Application Note

It is recommended to reconstitute the lyophilized OSM in sterile water not less than 100 µg/ml, which can then be further diluted to other aqueous solutions. The specific activity was determined by the dose-dependent stimulation of the proliferation of human TF-1 cells (human erythroleukemic indicator cell line) and is typically 2-10ng/ml.

