

OSM Protein, Mouse (HEK293, His)

Cat. No.:	HY-P700805
Synonyms:	Oncostatin M; OSM; MGC20461; Oncostatin-M
Species:	Mouse
Source:	HEK293
Accession:	P53347 (N25-R206)
Gene ID:	18413
Molecular Weight:	35-50 kDa

PROPERTIES

Appearance	Lyophilized powder.
Formulation	Lyophilized from a 0.22 μ m filtered solution of PBS, pH 7.4. Normally 8% trehalose is added as protectant before lyophilization.
Endotoxin Level	<1 EU/ μ g, determined by LAL method.
Reconstitution	It is not recommended to reconstitute to a concentration less than 100 μ g/mL in ddH ₂ O.
Storage & Stability	Stored at -20°C for 2 years. After reconstitution, it is stable at 4°C for 1 week or -20°C for longer (with carrier protein). It is recommended to freeze aliquots at -20°C or -80°C for extended storage.
Shipping	Room temperature in continental US; may vary elsewhere.

DESCRIPTION

Background	OSM Protein emerges as a versatile growth regulator with a potent ability to inhibit the proliferation of various tumor cell lines. This multifaceted protein extends its influence to the regulation of cytokine production, including IL-6, G-CSF, and GM-CSF from endothelial cells. OSM exclusively engages the type II OSM receptor, forming heterodimers composed of OSMR and IL6ST. Beyond its antiproliferative effects, OSM is intricately involved in the maturation of fetal hepatocytes, playing a pivotal role in promoting both liver development and regeneration.
------------	---

Caution: Product has not been fully validated for medical applications. For research use only.

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA