

OSM Protein, Mouse

Cat. No.:	HY-P7275
Synonyms:	rMuOSM; Oncostatin-M
Species:	Mouse
Source:	E. coli
Accession:	P53347 (N25-R205)
Gene ID:	18413
Molecular Weight:	Approximately 20.5 kDa

PROPERTIES

AA Sequence	<p>M N R G C S N S S S Q L L S Q L Q N Q A N L T G N T E S L L E P Y I R L Q N L N</p> <p>T P D L R A A C T Q H S V A F P S E D T L R Q L S K P H F L S T V Y T T L D R V</p> <p>L Y Q L D A L R Q K F L K T P A F P K L D S A R H N I L G I R N N V F C M A R L</p> <p>L N H S L E I P E P T Q T D S G A S R S T T T P D V F N T K I G S C G F L W G Y</p> <p>H R F M G S V G R V F R E W D D G S T R S R</p>
Biological Activity	The ED ₅₀ is <10 ng/mL as measured by Rat Embryo Brain cells, corresponding to a specific activity of >1.0 × 10 ⁵ units/mg.
Appearance	Lyophilized powder.
Formulation	Lyophilized after extensive dialysis against PBS.
Endotoxin Level	<0.2 EU/μg, determined by LAL method.
Reconstitution	It is not recommended to reconstitute to a concentration less than 100 μg/mL in ddH ₂ O or PBS.
Storage & Stability	Stored at -20°C. After reconstitution, it is stable at 4°C for 1 week or -20°C for longer. 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	Oncostatin M is a gp130 cytokine family member, shows homeostatic and proinflammatory activities and can modify extracellular matrix ^[1] .
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REFERENCES

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

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