

## Product datasheet for **TP723342**

### Osm (NM\_001006961) Rat Recombinant Protein

#### Product data:

<b>Product Type:</b>	Recombinant Proteins
<b>Description:</b>	Purified recombinant protein of Rat oncostatin M (Osm).
<b>Species:</b>	Rat
<b>Expression Host:</b>	E. coli
<b>Expression cDNA Clone or AA Sequence:</b>	MKRGCS SSP KLLSQLKSQA NITGNTASLL EPYILHQNLN TLTLRAACTE HPVAFPS EDM LRQLSKPDFL STVHATLGRV WHQLGAFRQQ FPKIQDFPEL ERARQNIQGI RNNVYCMARL LHPPLEIPEP TQADSGTSRP TTTAPGIFQI KIDSCRFLWG YHRFMGVS VGR VFEWGDGSR RSRRH SPLWA WLKGDHRIRP SRSSQSAML R SLVPR
<b>Tag:</b>	Tag Free
<b>Predicted MW:</b>	24.4 kDa
<b>Concentration:</b>	lot specific
<b>Purity:</b>	>95% as determined by SDS-PAGE and Coomassie blue staining
<b>Buffer:</b>	Lyophilized from a 0.2 μM filtered solution of 20mM phosphate buffer, 100mM NaCl, pH 7.2
<b>Bioactivity:</b>	Assay #1: Determined by its ability to stimulate the proliferation of rat C6 cells. The expected ED50 is 3.0-5.0ug/mL. Assay #2: Determined by its ability to inhibit Alkaline phosphatase activity of differentiated MC3T3 E1 cells.
<b>Endotoxin:</b>	Endotoxin level is < 0.1 ng/μg of protein (< 1 EU/μg)
<b>Storage:</b>	Store at -80°C.
<b>Stability:</b>	Stable for at least 6 months from date of receipt under proper storage and handling conditions.
<b>RefSeq:</b>	<a href="#">NP_001006962</a>
<b>Locus ID:</b>	289747
<b>UniProt ID:</b>	<a href="#">Q65Z15</a>
<b>RefSeq Size:</b>	720
<b>Cytogenetics:</b>	14q21
<b>RefSeq ORF:</b>	717
<b>Summary:</b>	mouse homolog is a cytokine and an immediate early gene [RGD, Feb 2006]



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**Product images:**

