Bioactive

Osm (Mouse) Recombinant Protein

Catalog # P7403 Size 10 ug

Specification

Product Description	Mouse Osm (P53347, 25 a.a. - 205 a.a.) partial recombinant protein expressed in *Escherichia coli*.
Sequence	NRGCSNSSSQLLSQLQNQANLTGNTESLLEPYIRLQNLNTPDLRAACTQHSVAFPSEDTLRQLSK PHFLSTVYTTLDRVLYQLDALRQKFLKTPAFPKLDSARHNILGIRNNVFCMARLLNHSLEIPEPTQT DSGASRSTTTPDVFNTKIGSCGFLWGYHRFMGSVGRVFREWDDGSTRSR
Host	Escherichia coli
Theoretical MW (kDa)	~ 20.5
Form	Lyophilized
Preparation Method	*Escherichia coli* expression system
Purity	> 95% as analyzed by SDS-PAGE. > 95% as analyzed by HPLC.
Endotoxin Level	< 0.2 EU/ ug of protein (gel clotting method)
Activity	ED_{50} < 10 ng/mL, measured in a cell proliferation assay using Rat Embryo Brain cells, correspondin g to a specific activity of > 1.0×10^5 units/mg.
Recommend Usage	Biological Activity SDS-PAGE The optimal working dilution should be determined by the end user.
Storage Buffer	Lyophilized from PBS. Reconstitute the lyophilized powder in ddH_2O or PBS up to 100 ug/mL.
Storage Instruction	Store at 4°C for 1 week. For long term storage store at -20°C to -80°C. Aliquot to avoid repeated freezing and thawing.

Applications

- Functional Study

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- SDS-PAGE

Gene Info — Osm

Entrez GeneID	18413
Protein Accession#	P53347
Gene Name	Osm
Gene Alias	-
Gene Description	oncostatin M
Gene Ontology	Hyperlink
Other Designations	OTTMUSP00000005249

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