

## Recombinant Mouse OCM Protein (2-109 aa), His-tagged

Cat. No. OCM-1974M Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Mouse OCM Protein (2-109 aa) is produced by Yeast expression system. This protein is fused with a 6xHis tag at the N-terminal. Research Area: Neuroscience. Protein Description: Full Length of Mature Protein.
<b>Species</b>	Mouse
<b>Source</b>	Yeast
<b>ProteinLength</b>	2-109 aa
<b>Description</b>	Has some calmodulin-like activity with respect to enzyme activation and growth regulation. Binds two calcium ions.
<b>Form</b>	Tris-based buffer, 50% glycerol
<b>Molecular Mass</b>	14.1 kDa
<b>AA Sequence</b>	SITDILSADDIAAALQECQDPDTFEPQKFFQTSGLSKMSASQLKDIFQFIDNDQSGYL DEDELKYFLQRFQSDARELSETKSLMDAADNDGDGKIGADEFQEMVHS
<b>Purity</b>	> 90% as determined by SDS-PAGE.
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4 centigrade for up to one week.

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**Storage** The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20 centigrade/-80 centigrade. The shelf life of lyophilized form is 12 months at -20 centigrade/-80 centigrade.

**Concentration** A hardcopy of COA with reconstitution instruction is sent along with the products.

## GENE INFORMATION

**Gene Name** Ocm oncomodulin [ *Mus musculus* ]

**Official Symbol** OCM

**Synonyms** OCM; oncomodulin; OM; parvalbumin beta;

**Gene ID** 18261

**mRNA Refseq** NM\_033039

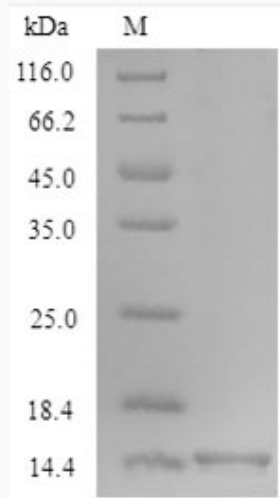
**Protein Refseq** NP\_149028

**UniProt ID** P51879

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(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

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