

## Recombinant Mouse Omg protein, His-tagged

Cat. No. Omg-4072M    Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Mouse Omg protein(Q63912)(Met1-Thr245), fused with His tag, was expressed in HEK293.
<b>Species</b>	Mouse
<b>Source</b>	HEK293
<b>ProteinLength</b>	Met1-Thr245
<b>Form</b>	Lyophilized from sterile PBS, pH 7.4Please contact us for any concerns or special requirements. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization. Please refer to the specific buffer information in the hard copy of CoA.
<b>Molecular Mass</b>	The secreted recombinant mouse OMGP (aa 1-245) comprises 232 amino acids and has a calculated molecular mass of 27 kDa. As a result of glycosylation, the recombinant protein migrates as an approximately 44 kDa band in SDS-PAGE under reducing conditions.
<b>Endotoxin</b>	< 1.0 EU per µg of the protein as determined by the LAL method
<b>Purity</b>	> 95 % as determined by SDS-PAGE
<b>Storage</b>	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein

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be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

**Reconstitution**

It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

**GENE INFORMATION**

**Gene Name** Omg oligodendrocyte myelin glycoprotein [ *Mus musculus* ]

**Official Symbol** Omg

**Synonyms** OMG; oligodendrocyte myelin glycoprotein; oligodendrocyte-myelin glycoprotein;

**Gene ID** 18377

**mRNA Refseq** NM\_019409

**Protein Refseq** NP\_062282

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