

Recombinant Mouse Omg protein, His-tagged

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

SPECIFICATION

Product Overview	Recombinant Mouse Omg protein(Q63912)(Met1-Thr245), fused with His tag, was expressed in HEK293.
Species	Mouse
Source	HEK293
ProteinLength	Met1-Thr245
Form	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.
Molecular Mass	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.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method
Purity	> 95 % as determined by SDS-PAGE
Storage	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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