

Recombinant Mouse Omd Protein, His-tagged

Cat. No. Omd-870M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant mouse OMD (NP_036180.1) (Met 1-Ile 423) precursor was expressed, with a C-terminal polyhistidine tag.
Species	Mouse
Source	HEK293
ProteinLength	1-423 a.a.
Predicted N Terminal	Gln 21
Form	Lyophilized from sterile PBS, pH 7.4, 5%~8% trehalose and mannitol.
Molecular Mass	The secreted recombinant mouse OMD comprises 414 amino acids and has a calculated molecular mass of 48.8 kDa. The apparent molecular mass of the recombinant protein is approximately 60-70 kDa in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method.
Purity	>96 % as determined by SDS-PAGE.
Stability	Samples are stable for up to twelve months from date of receipt at -70°C.
Storage	Store it under sterile conditions at -20°C~-70°C. It is recommended that the protein be

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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 0.25 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

Gene Name Omd osteomodulin [*Mus musculus*]

Official Symbol Omd

Synonyms OMD; osteomodulin; osteoadherin; KSPG osteomodulin; keratan sulfate proteoglycan osteomodulin; OSAD; SLRR2C;

Gene ID 27047

mRNA Refseq NM_012050

Protein Refseq NP_036180

MIM

UniProt ID

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