

Active Recombinant Mouse Omd

Cat. No. Omd-947M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Omd (Accession # O35103) Gln21-Ile423, fused with , was produced in Mouse myeloma cell line, NS0-derived.
Species	Mouse
Source	Mammalian Cells
ProteinLength	Gln21-Ile423
Predicted N Terminal	No results obtained: Gln21 predicted
Form	Supplied as a 0.2 µ filtered solution in PBS.
Bio-activity	Measured by its ability to modulate collagen fibrillogenesis. Ge, G. et al. (2004) J. Biol. Chem. 279:41626. At 5 µg/mL, rmOSAD can significantly enhance the rate of type I collagen fibrillogenesis.
Molecular Mass	Recombinant Mouse Omd has a calculated MW of 48.2 kDa. In SDS-PAGE migrates as 66-76 kDa, reducing conditions.
Purity	>95%, by SDS-PAGE under reducing conditions and visualized by silver stain.
Storage	Avoid repeated freeze-thaw cycles. No activity loss was observed after storage at: In lyophilized state for 1 year (4°C); After reconstitution under sterile conditions for 3 months (-70°C).

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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	

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