Recombinant Human OMD protein, GST-tagged

Cat. No. OMD-7866H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human OMD protein(200-421 aa), fused with N-terminal GST tag, was expressed in E. coli.
Species	Human
Source	E. coli
ProteinLength	200-421 aa
Form	The purified protein was lyophilized from sterile phosphate-buffered saline (PBS: 58 mM Na_2HPO_4, 17 mM NaH_2PO_4, 68 mM NaCl, pH 8.0). Prior to lyophilization, 5% (w/v) trehalose and 5% (w/v) mannitol were incorporated as cryoprotective excipients. The protein was eluted with a buffer containing 100 mM reduced glutathione (GSH).
AASequence	MDSLLKDKIFAKMEKLMQLNLCSNRLESMPPGLPSSLMYLSLENNSISSIPEKYFDKL PKLHTLRMSHNKLQDIPYNIFNLPNIVELSVGHNKLKQAFYIPRNLEHLYLQNNEIEKM NLTVMCPSIDPLHYHHLTYIRVDQNKLKEPISSYIFFCFPHIHTIYYGEQRSTNGQTIQL KTQVFRRFPDDDDESEDHDDPDNAHESPEQEGAEGHFDLHYYENQE
Purity	85%, by SDS-PAGE.
Storage	Store at 2-8°C for 1-2 weeks. Aliquot and store at -20°C to -80°C for up to 3 months, reconstitution with sterile water and addition of an equal volume of glycerol. Avoid repeat freeze-thaw cycles.

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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 [Homo sapiens]
Official Symbol	OMD
Synonyms	OMD; osteomodulin; osteoadherin; osteoadherin proteoglycan; SLRR2C; KSPG osteomodulin; keratan sulfate proteoglycan osteomodulin; OSAD;
mRNA Refseq	NM_005014
Protein Refseq	NP_005005
UniProt ID	Q99983
Gene ID	4958

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SDS-PAGE

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