

## Recombinant Human OMD protein, GST-tagged

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

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human OMD protein(200-421 aa), fused with N-terminal GST tag, was expressed in E. coli.
<b>Species</b>	Human
<b>Source</b>	E. coli
<b>ProteinLength</b>	200-421 aa
<b>Form</b>	The purified protein was lyophilized from sterile phosphate-buffered saline (PBS: 58 mM Na <sub>2</sub> HPO <sub>4</sub> , 17 mM NaH <sub>2</sub> PO <sub>4</sub> , 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).
<b>AASequence</b>	MDSLLKDKIFAKMEKLMQLNLCSNRLESMPPGLPSSLMYLSLENNSSISSEIPEKYFDKL PKLHTLRMSHNKLQDIPYNIFNLPNIVELSVGHNKLKQAFYIPRNLEHLYLQNNIEIKM NLTVMCPSIDPLHYHHLTYIRVDQNKLKEPISSYIFFCFPHIHTIYYGEQRSTNGQTIQL KTQVFRFRFPDDDDSESDHDDPDNAHESPEQEGAEGHFDLHYYENQE
<b>Purity</b>	85%, by SDS-PAGE.
<b>Storage</b>	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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