

## Recombinant Human OMD Protein, His-tagged

Cat. No. OMD-251H    Lot. No. (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                      |
|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Human OMD Protein(NP_005005.1) (Met1-Glu421) was expressed in HEK293 with a polyhistidine tag at the C-terminus.                                                         |
| <b>Species</b>          | Human                                                                                                                                                                                |
| <b>Source</b>           | HEK293                                                                                                                                                                               |
| <b>ProteinLength</b>    | 1-421 aa                                                                                                                                                                             |
| <b>Form</b>             | Lyophilized from sterile PBS, pH 7.4.                                                                                                                                                |
| <b>Molecular Mass</b>   | The recombinant human OMD consists 412 amino acids and predicts a molecular mass of 48.6 kDa.                                                                                        |
| <b>Endotoxin</b>        | < 1.0 EU per µg of the protein as determined by the LAL method.                                                                                                                      |
| <b>Purity</b>           | > 95 % as determined by SDS-PAGE                                                                                                                                                     |
| <b>Storage</b>          | Store it under sterile conditions at -20°C to -80°C upon receiving. Recommend to aliquot the protein into smaller quantities for optimal storage. Avoid repeated freeze-thaw cycles. |
| <b>Reconstitution</b>   | 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.        |

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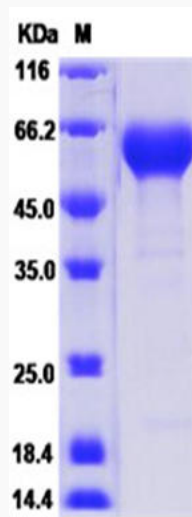
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## GENE INFORMATION

|                        |                                                                                                                                         |
|------------------------|-----------------------------------------------------------------------------------------------------------------------------------------|
| <b>Gene Name</b>       | OMD osteomodulin [ Homo sapiens ]                                                                                                       |
| <b>Official Symbol</b> | OMD                                                                                                                                     |
| <b>Synonyms</b>        | OMD; osteomodulin; osteoadherin; osteoadherin proteoglycan; SLRR2C; KSPG osteomodulin; keratan sulfate proteoglycan osteomodulin; OSAD; |
| <b>Gene ID</b>         | 4958                                                                                                                                    |
| <b>mRNA Refseq</b>     | NM_005014                                                                                                                               |
| <b>Protein Refseq</b>  | NP_005005                                                                                                                               |
| <b>UniProt ID</b>      | Q99983                                                                                                                                  |

## SDS-PAGE



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