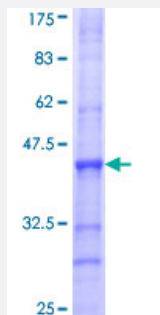


# OMG (Human) Recombinant Protein (Q01)

Catalog # H00004974-Q01

Size 10 ug, 25 ug

## Applications



## Specification

|                                      |                                                                                                             |
|--------------------------------------|-------------------------------------------------------------------------------------------------------------|
| <b>Product Description</b>           | Human OMG partial ORF (NP_002535, 26 a.a. - 134 a.a.) recombinant protein with GST-tag at N-terminal.       |
| <b>Sequence</b>                      | CPLQCICTERHRHVDCSGRNLSLPSGLQENIIHLNLSYNHFTDLHNQLTQYTNLRTLDISNNRLESLPAHLPRSLWNMSAANNIKLLDKSDTAYQWNLKYLDVSKNM |
| <b>Host</b>                          | Wheat Germ (in vitro)                                                                                       |
| <b>Theoretical MW (kDa)</b>          | 37.73                                                                                                       |
| <b>Interspecies Antigen Sequence</b> | Mouse (95); Rat (96)                                                                                        |
| <b>Preparation Method</b>            | <a href="#">in vitro wheat germ expression system</a>                                                       |
| <b>Purification</b>                  | Glutathione Sepharose 4 Fast Flow                                                                           |
| <b>Quality Control Testing</b>       | 12.5% SDS-PAGE Stained with Coomassie Blue.                                                                 |
| <b>Storage Buffer</b>                | 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.                                    |
| <b>Storage Instruction</b>           | Store at -80°C. Aliquot to avoid repeated freezing and thawing.                                             |
| <b>Note</b>                          | Best use within three months from the date of receipt of this protein.                                      |

## Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

## Gene Info — OMG

|                     |                                     |
|---------------------|-------------------------------------|
| Entrez GeneID       | <a href="#">4974</a>                |
| GeneBank Accession# | <a href="#">NM_002544</a>           |
| Protein Accession#  | <a href="#">NP_002535</a>           |
| Gene Name           | OMG                                 |
| Gene Alias          | OMGP                                |
| Gene Description    | oligodendrocyte myelin glycoprotein |
| Omim ID             | <a href="#">164345</a>              |
| Gene Ontology       | <a href="#">Hyperlink</a>           |
| Other Designations  | -                                   |

## Disease

- [Autistic Disorder](#)
- [Mental Retardation](#)
- [Neurofibromatosis](#)