

## Recombinant Mouse Mog Protein, Myc/DDK-tagged

**Cat. No.** Mog-4111M    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                     |
|-------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Purified recombinant protein of mouse full-length myelin oligodendrocyte glycoprotein (Mog), with C-terminal MYC/DDK tag, expressed in HEK293T cells.                               |
| <b>Species</b>          | Mouse                                                                                                                                                                               |
| <b>Source</b>           | HEK293                                                                                                                                                                              |
| <b>Description</b>      | Minor component of the myelin sheath. May be involved in completion and/or maintenance of the myelin sheath and in cell-cell communication. Mediates homophilic cell-cell adhesion. |
| <b>Molecular Mass</b>   | 28.3 kDa                                                                                                                                                                            |
| <b>Purity</b>           | > 80% as determined by SDS-PAGE and Coomassie blue staining                                                                                                                         |
| <b>Stability</b>        | Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.                                       |
| <b>Storage</b>          | Store at -80 centigrade after receiving vials.                                                                                                                                      |
| <b>Concentration</b>    | >50 µg/mL as determined by microplate BCA method                                                                                                                                    |
| <b>Storage Buffer</b>   | 25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.                                                                                                                               |

### GENE INFORMATION

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|                 |                                                                                              |
|-----------------|----------------------------------------------------------------------------------------------|
| Gene Name       | Mog myelin oligodendrocyte glycoprotein [ Mus musculus (house mouse) ]                       |
| Official Symbol | Mog                                                                                          |
| Synonyms        | MOG; myelin oligodendrocyte glycoprotein; myelin-oligodendrocyte glycoprotein; B230317G11Rik |
| Gene ID         | 17441                                                                                        |
| mRNA Refseq     | NM_010814                                                                                    |
| Protein Refseq  | NP_034944                                                                                    |
| UniProt ID      | Q61885                                                                                       |

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