

## Recombinant Mouse Olig3 Protein, Myc/DDK-tagged

**Cat. No.** Olig3-4591M    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                            |
|-------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Purified recombinant protein of mouse full-length oligodendrocyte transcription factor 3 (Olig3), with C-terminal MYC/DDK tag, expressed in HEK293T cells. |
| <b>Species</b>          | Mouse                                                                                                                                                      |
| <b>Source</b>           | HEK293                                                                                                                                                     |
| <b>Description</b>      | May determine the distinct specification program of class A neurons in the dorsal part of the spinal cord and suppress specification of class B neurons.   |
| <b>Molecular Mass</b>   | 29.5 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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|------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Gene Name</b>       | Olig3 oligodendrocyte transcription factor 3 [ Mus musculus (house mouse) ]                                                                                                                                                        |
| <b>Official Symbol</b> | Olig3                                                                                                                                                                                                                              |
| <b>Synonyms</b>        | OLIG3; oligodendrocyte transcription factor 3; oligo3; class B basic helix-loop-helix protein 7; oligodendrocyte-specific bHLH transcription factor 3; basic helix-loop-helix domain-containing class B protein 7; Bhlhb7; bHLHe20 |
| <b>Gene ID</b>         | 94222                                                                                                                                                                                                                              |
| <b>mRNA Refseq</b>     | NM_053008                                                                                                                                                                                                                          |
| <b>Protein Refseq</b>  | NP_443734                                                                                                                                                                                                                          |
| <b>UniProt ID</b>      | Q6PFG8                                                                                                                                                                                                                             |

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