



## Mouse OLIG3 peptide (DAG-P0994)

This product is for research use only and is not intended for diagnostic use.

### PRODUCT INFORMATION

|                              |                                                                                                                                                          |
|------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Antigen 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>Conjugate</b>             | Unconjugated                                                                                                                                             |
| <b>Sequence Similarities</b> | Contains 1 bHLH (basic helix-loop-helix) domain.                                                                                                         |
| <b>Format</b>                | Liquid                                                                                                                                                   |
| <b>Preservative</b>          | None                                                                                                                                                     |
| <b>Storage</b>               | Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles. Information available upon request.              |

### GENE INFORMATION

|                            |                                                                                                                                                              |
|----------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Gene Name</b>           | <a href="#">OLIG3 oligodendrocyte transcription factor 3 [ Homo sapiens (human) ]</a>                                                                        |
| <b>Official Symbol</b>     | OLIG3                                                                                                                                                        |
| <b>Synonyms</b>            | OLIG3; oligodendrocyte transcription factor 3; Bhlhb7; bHLHe20; oligo3; class B basic helix-loop-helix protein 7; class E basic helix-loop-helix protein 20; |
| <b>Entrez Gene ID</b>      | <a href="#">167826</a>                                                                                                                                       |
| <b>mRNA Refseq</b>         | <a href="#">NM_175747.2</a>                                                                                                                                  |
| <b>Protein Refseq</b>      | <a href="#">NP_786923.1</a>                                                                                                                                  |
| <b>UniProt ID</b>          | Q7RTU3                                                                                                                                                       |
| <b>Chromosome Location</b> | 6q23.3                                                                                                                                                       |

|                 |                                                                                                   |
|-----------------|---------------------------------------------------------------------------------------------------|
| <b>Pathway</b>  | Neural Crest Differentiation, organism-specific biosystem;                                        |
| <b>Function</b> | DNA binding; RNA polymerase II transcription corepressor activity; protein dimerization activity; |