

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

Cat. No. NEFL-10563M Lot. No. (See product label)

### SPECIFICATION

|                         |   |
|-------------------------|---|
| <b>Product Overview</b> | Recombinant mouse NEFL protein with a C-terminal Myc/DDK-tag was expressed in HEK293T cells.  |
| <b>Species</b>          | Mouse   |
| <b>Source</b>           | HEK293  |
| <b>Description</b>      | Neurofilaments usually contain three intermediate filament proteins: L, M, and H which are involved in the maintenance of neuronal caliber.   |
| <b>Molecular Mass</b>   | 62 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   |
| <b>Concentration</b>    | > 50 g/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>       | Nefl neurofilament, light polypeptide [ <i>Mus musculus</i> (house mouse) ]  |
| <b>Official Symbol</b> | Nefl   |
| <b>Synonyms</b>        | Nefl; neurofilament, light polypeptide; Nfl; NF-L; NF68; CMT2E; AI847934; neurofilament light polypeptide; 68 kDa neurofilament protein; neurofilament triplet L protein |
| <b>Gene ID</b>         | 18039  |
| <b>mRNA Refseq</b>     | NM_010910  |
| <b>Protein Refseq</b>  | NP_035040  |
| <b>UniProt ID</b>      | P08551   |

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