

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

Cat. No. Nrgn-4500M    Lot. No. (See product label)

### SPECIFICATION

|                         |   |
|-------------------------|---|
| <b>Product Overview</b> | Purified recombinant protein of mouse full-length neurogranin (Nrgn), with C-terminal MYC/DDK tag, expressed in HEK293T cells.                |
| <b>Species</b>          | Mouse   |
| <b>Source</b>           | HEK293  |
| <b>Description</b>      | Regulates the affinity of calmodulin for calcium. Involved in synaptic plasticity and spatial learning.                                       |
| <b>Molecular Mass</b>   | 7.9 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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 45-1 Ramsey Road, Shirley, NY 11967, USA



|                        |   |
|------------------------|---|
| <b>Gene Name</b>       | Nrgn neurogranin [ Mus musculus (house mouse) ]   |
| <b>Official Symbol</b> | Nrgn  |
| <b>Synonyms</b>        | Nrgn; neurogranin; N; P; NG; RC; RC3; NG/R; Pss1; NG/RC3; R75334; AI838505; 0710001B06Rik; neurogranin; neurogranin (protein kinase C substrate, RC3); postsynaptic spine 1; protein kinase C substrate |
| <b>Gene ID</b>         | 64011   |
| <b>mRNA Refseq</b>     | NM_022029   |
| <b>Protein Refseq</b>  | NP_071312   |
| <b>UniProt ID</b>      | P60761  |

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