

## Recombinant Mouse Nlgn3 Protein, Myc/DDK-tagged

Cat. No. Nlgn3-4431M Lot. No. (See product label)

### SPECIFICATION

|                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product Overview | Purified recombinant protein of mouse full-length neuroligin 3 (Nlgn3), with C-terminal MYC/DDK tag, expressed in HEK293T cells.                                                                                                                                                                                                                                                                                                                               |
| Species          | Mouse                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Source           | HEK293                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Description      | Cell surface protein involved in cell-cell-interactions via its interactions with neurexin family members. Plays a role in synapse function and synaptic signal transmission, and probably mediates its effects by recruiting and clustering other synaptic proteins. May promote the initial formation of synapses, but is not essential for this. May also play a role in glia-glia or glia-neuron interactions in the developing peripheral nervous system. |
| Molecular Mass   | 91.6 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Purity           | > 80% as determined by SDS-PAGE and Coomassie blue staining                                                                                                                                                                                                                                                                                                                                                                                                    |
| Stability        | Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.                                                                                                                                                                                                                                                                                                                  |
| Storage          | Store at -80 centigrade after receiving vials.                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Concentration    | >50 µg/mL as determined by microplate BCA method                                                                                                                                                                                                                                                                                                                                                                                                               |

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**Storage Buffer** 25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

## GENE INFORMATION

**Gene Name** [NLgn3 neuroligin 3 \[ Mus musculus \(house mouse\) \]](#)

**Official Symbol** [NLgn3](#)

**Synonyms** NLGN3; neuroligin 3; neuroligin-3; gliotactin homolog; neuroligin 3 protein; NL3; HNL3; A230085M13Rik

**Gene ID** [245537](#)

**mRNA Refseq** [NM\\_172932](#)

**Protein Refseq** [NP\\_766520](#)

**UniProt ID** [Q8BYM5](#)

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