

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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