

## Recombinant Mouse Nrnx3 Protein, Myc/DDK-tagged

Cat. No. Nrnx3-4505M Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Purified recombinant protein of mouse full-length neurexin III (cDNA clone MGC:67582 IMAGE:6406001), complete cds, with C-terminal MYC/DDK tag, expressed in HEK293T cells.
<b>Species</b>	Mouse
<b>Source</b>	HEK293
<b>Description</b>	<p>This gene encodes a member of a family of proteins that function in the nervous system as receptors and cell adhesion molecules. Extensive alternative splicing and the use of alternative promoters results in multiple transcript variants for this gene, but the full-length nature of many of these variants has not been determined. Transcripts that initiate from an upstream promoter encode alpha isoforms, which contain epidermal growth factor-like (EGF-like) sequences and laminin G domains. Transcripts initiating from the downstream promoter encode beta isoforms, which lack EGF-like sequences.</p>
<b>Molecular Mass</b>	200.1 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.

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**Concentration** >50 µg/mL as determined by microplate BCA method

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

## GENE INFORMATION

**Gene Name** Nrnx3 neurexin III [ *Mus musculus* (house mouse) ]

**Official Symbol** Nrnx3

**Synonyms** Nrnx3; neurexin III; neurexin 3; neurexin-3-alpha

**Gene ID** 18191

**mRNA Refseq** NM\_172544

**Protein Refseq** NP\_766132

**UniProt ID** Q6P9K9

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