Recombinant Mouse Nrxn3 Protein, Myc/DDK-tagged

Cat. No. Nrxn3-4505M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	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.
Species	Mouse
Source	HEK293
Description	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.
Molecular Mass	200.1 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.

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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	Nrxn3 neurexin III [Mus musculus (house mouse)]
Official Symbol	Nrxn3
Synonyms	Nrxn3; 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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