Recombinant Mouse Nrxn3 Protein, His&GST-tagged

Cat. No. Nrxn3-1864M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Nrxn3 Protein (Leu28-Pro242) with N-His&GST tag was expressed in E. coli.
Species	Mouse
Source	E.coli
ProteinLength	Leu28-Pro242
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.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 53.5 kDa Accurate Molecular Mass: 54 kDa
Purity	> 90%

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Applications	Positive Control; Immunogen; SDS-PAGE; WB.
Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.
Storage Buffer	PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.
Reconstitution	Reconstitute in PBS or others.

GENE INFORMATION

Gene Name	Nrxn3 neurexin III [Mus musculus (house mouse)]
Official Symbol	Nrxn3
Synonyms	NRXN3; neurexin III; neurexin III beta; neurexin III-beta; neurexin III alpha; neurexin III-alpha; 6332407J11; D12Bwg0831e; 4933401A11Rik; 9330112C09Rik;
Gene ID	18191
mRNA Refseq	NM_001198587
Protein Refseq	NP_001185516
UniProt ID	Q6P9K9

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