

## Recombinant Mouse Nrnx3 Protein, His&GST-tagged

Cat. No. Nrnx3-1864M Lot. No. (See product label)

### SPECIFICATION

|                         |   |
|-------------------------|---|
| <b>Product Overview</b> | Recombinant Mouse Nrnx3 Protein (Leu28-Pro242) with N-His&GST tag was expressed in E. coli.   |
| <b>Species</b>          | Mouse   |
| <b>Source</b>           | E.coli  |
| <b>ProteinLength</b>    | Leu28-Pro242  |
| <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>Form</b>             | Freeze-dried powder   |
| <b>Molecular Mass</b>   | Predicted Molecular Mass: 53.5 kDa<br>Accurate Molecular Mass: 54 kDa   |
| <b>Purity</b>           | > 90%   |

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

|                       |  |
|-----------------------|--|
| <b>Applications</b>   | Positive Control; Immunogen; SDS-PAGE; WB.   |
| <b>Stability</b>      | 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. |
| <b>Storage</b>        | Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.   |
| <b>Storage Buffer</b> | PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.  |
| <b>Reconstitution</b> | Reconstitute in PBS or others.   |

## GENE INFORMATION

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

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