

## Active Recombinant Rat Nrnx1 Protein, His-tagged

**Cat. No.** Nrnx1-739R    **Lot. No.** (See product label)

### SPECIFICATION

|                             |   |
|-----------------------------|---|
| <b>Product Overview</b>     | Recombinant Rat Nrnx1 (Accession # NP_068535) Leu31-Thr1431, fused with a C-terminal 6-His tag, was produced in Mouse myeloma cell line, NS0-derived.   |
| <b>Species</b>              | Rat   |
| <b>Source</b>               | Mammalian Cells   |
| <b>ProteinLength</b>        | Leu31-Thr1431   |
| <b>Predicted N Terminal</b> | Leu31   |
| <b>Form</b>                 | Lyophilized from a 0.2 µm filtered solution in PBS.   |
| <b>Bio-activity</b>         | Measured by its binding ability in a functional ELISA. Immobilized rrNRXN-1a at 0.5 µg/mL (100 µ/well) can bind biotinylated rrNXP-1 with a linear range of 0.03 - 2 µg/mL.                   |
| <b>Molecular Mass</b>       | Recombinant Rat Nrnx1, His-tagged has a calculated MW of 154.7 kDa. In SDS-PAGE migrates as 165-175 kDa, reducing conditions.   |
| <b>Purity</b>               | >80%, by SDS-PAGE under reducing conditions and visualized by silver stain.   |
| <b>Storage</b>              | Avoid repeated freeze-thaw cycles. No activity loss was observed after storage at: In lyophilized state for 1 year (4°C); After reconstitution under sterile conditions for 3 months (-70°C). |

 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

**Reconstitution** Reconstitute at 100 g/mL in PBS containing at least 0.1% human or bovine serum albumin.

## GENE INFORMATION

**Gene Name** [Nrnx1 neurexin 1 \[ Rattus norvegicus \]](#)

**Official Symbol** Nrnx1

**Synonyms** NRXN1; neurexin 1; neurexin I-beta; neurexin-1-beta; neurexin I-alpha; neurexin-1-alpha; non-processed neurexin I-alpha; Nrnx1b;

**Gene ID** [60391](#)

**mRNA Refseq** [NM\\_021767](#)

**Protein Refseq** [NP\\_068535](#)

**MIM**

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