

## Active Recombinant Rat Nxph3, His-tagged

Cat. No. Nxph3-367R Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Rat Nxph3 (Accession # AAI66603) Gln23-Gly252, 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>	23-252 a.a.
<b>Predicted N Terminal</b>	No results obtained: Gln23 predicted
<b>Form</b>	Lyophilized from a 0.2 µm filtered solution in PBS.
<b>Bio-activity</b>	Measured in a competitive binding assay. When rrNeurexin-1 alpha is immobilized at 1 µg/mL (100 µl/well), rrNeurexophilin-3 inhibits 50% binding of biotinylated rrNeurexophilin-1 (1 µg/mL) at the concentration range of 1 - 3 µg/mL.
<b>Molecular Mass</b>	Recombinant Rat Nxph3, His-tagged has a calculated MW of 26.5 kDa. In SDS-PAGE migrates as 40-43 kDa, reducing conditions.
<b>Purity</b>	>90%, 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).

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## GENE INFORMATION

**Gene Name** Nxph3 neurexophilin 3 [ Rattus norvegicus ]

**Official Symbol** Nxph3

**Synonyms** NXPH3; neurexophilin 3; neurexophilin-3; Nph3;

**Gene ID** 59315

**mRNA Refseq** NM\_021679

**Protein Refseq** NP\_067711

**MIM**

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