

## Recombinant Mouse Nxph2 Protein, His&GST-tagged

**Cat. No.** Nxph2-1876M    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                              |
|-------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Mouse Nxph2 Protein (Glu23-Gly261) with N-His&GST tag was expressed in E. coli.                                                                                                                                                                                                                                                  |
| <b>Species</b>          | Mouse                                                                                                                                                                                                                                                                                                                                        |
| <b>Source</b>           | E.coli                                                                                                                                                                                                                                                                                                                                       |
| <b>ProteinLength</b>    | Glu23-Gly261                                                                                                                                                                                                                                                                                                                                 |
| <b>Description</b>      | Predicted to enable signaling receptor binding activity. Predicted to be located in extracellular region. Orthologous to human NXPH2 (neurexophilin 2).                                                                                                                                                                                      |
| <b>Form</b>             | Freeze-dried powder                                                                                                                                                                                                                                                                                                                          |
| <b>Molecular Mass</b>   | Predicted Molecular Mass: 57.5 kDa<br>Accurate Molecular Mass: 58 kDa                                                                                                                                                                                                                                                                        |
| <b>Purity</b>           | > 90%                                                                                                                                                                                                                                                                                                                                        |
| <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. |

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|                       |                                                                                                                              |
|-----------------------|------------------------------------------------------------------------------------------------------------------------------|
| <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>       | Nxph2 neurexophilin 2 [ Mus musculus (house mouse) ] |
| <b>Official Symbol</b> | <a href="#">Nxph2</a>                                |
| <b>Synonyms</b>        | Nxph2; neurexophilin 2; neurexophilin-2              |
| <b>Gene ID</b>         | <a href="#">18232</a>                                |
| <b>mRNA Refseq</b>     | <a href="#">NM_008752</a>                            |
| <b>Protein Refseq</b>  | <a href="#">NP_032778</a>                            |
| <b>UniProt ID</b>      | <a href="#">Q61199</a>                               |

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