

## Active Recombinant Mouse Nrp1 Protein, His-tagged

**Cat. No.** Nrp1-613M    **Lot. No.** (See product label)

### SPECIFICATION

|                             |                                                                                                                                                                                               |
|-----------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b>     | Recombinant Mouse Nrp1 (Accession # NP_032763) Phe22-Pro856, fused with a C-terminal 6-His tag, was produced in Mouse myeloma cell line, NS0-derived.                                         |
| <b>Species</b>              | Mouse                                                                                                                                                                                         |
| <b>Source</b>               | Mammalian Cells                                                                                                                                                                               |
| <b>ProteinLength</b>        | Phe22-Pro856                                                                                                                                                                                  |
| <b>Predicted N Terminal</b> | Phe22                                                                                                                                                                                         |
| <b>Form</b>                 | Lyophilized from a 0.2 µ filtered solution in PBS.                                                                                                                                            |
| <b>Bio-activity</b>         | Measured by its binding ability in a functional ELISA. Immobilized Recombinant Mouse Neuropilin-1 can bind recombinant human VEGF165 with an apparent KD <1 nM.                               |
| <b>Molecular Mass</b>       | Recombinant Mouse Nrp1, His-tagged has a calculated MW of 94.5 kDa (monomer). In SDS-PAGE migrates as 100-120 kDa, reducing conditions.                                                       |
| <b>Purity</b>               | >95%, 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       | Nrp1 neuropilin 1 [ Mus musculus ]                                                                                                             |
| Official Symbol | Nrp1                                                                                                                                           |
| Synonyms        | NRP1; neuropilin 1; neuropilin-1; A5 protein; transmembrane receptor; Neuropilin-1 precursor (A5 protein); Nrp; NP-1; Npn1; NPN-1; C530029I03; |
| Gene ID         | 18186                                                                                                                                          |
| mRNA Refseq     | NM_008737                                                                                                                                      |
| Protein Refseq  | NP_032763                                                                                                                                      |
| MIM             |                                                                                                                                                |

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