

Active Recombinant Mouse Nrp1 Protein, His-tagged

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

SPECIFICATION

Product Overview	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.
Species	Mouse
Source	Mammalian Cells
ProteinLength	Phe22-Pro856
Predicted N Terminal	Phe22
Form	Lyophilized from a 0.2 µ filtered solution in PBS.
Bio-activity	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.
Molecular Mass	Recombinant Mouse Nrp1, His-tagged has a calculated MW of 94.5 kDa (monomer). In SDS-PAGE migrates as 100-120 kDa, reducing conditions.
Purity	>95%, by SDS-PAGE under reducing conditions and visualized by silver stain.
Storage	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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