

Active Recombinant Mouse Nrp1 protein(Met1-Pro856), mFc-tagged

Cat. No. Nrp1-8118M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse NRP1 (NP_032763.2) (Met1-Pro856) was expressed in HEK293 with the Fc region of Mouse IgG2a at the C-terminus.
Species	Mouse
Source	HEK293
ProteinLength	Met1-Pro856
Form	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
Bio-activity	Measured by its binding ability in a functional ELISA. Immobilized Mouse VEGF164 at 2 µg/ml (100 µl/well) can bind Mouse Neuropilin-1 mFc, the EC50 of Mouse Neuropilin-1 mFc is 4.0-20.0 ng/mL.
Molecular Mass	The recombinant mouse NRP1 consists of 1068 amino acids and predicts a molecular mass of 120 kDa.
Endotoxin	< 1.0 EU per µg protein as determined by the LAL method.
Purity	> 95 % as determined by SDS-PAGE.
Storage	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C.

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Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

Reconstitution

It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

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](#)

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