

Active Recombinant Mouse NRP1 protein, mFc-tagged

Cat. No. NRP1-680M Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse NRP1 protein(NP_032763.2)(Phe 22 - Pro 856), fused with mFc tag, was expressed in HEK293.
Species	Mouse
Source	HEK293
ProteinLength	Phe 22 - Pro 856
Form	50 mM Tris, 100 mM Glycine, pH7.5
Bio-activity	Immobilized Human VEGF165, Tag Free at 2 µg/mL (100 µL/well) can bind Mouse NRP1, Mouse IgG2a Fc Tag with a linear range of 0.5-4 ng/mL.
Molecular Mass	120.5 kDa
Endotoxin	Less than 0.1 EU per µg by the LAL method.
Purity	>90% as determined by SDS-PAGE.
Storage	For long term storage, the product should be stored at lyophilized state at -20°C or lower. Please avoid repeated freeze-thaw cycles. This product is stable after storage at: -20°C to -70°C for 12 months in lyophilized state;

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-70°C for 3 months under sterile conditions after reconstitution.

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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