

Recombinant Rat Nrp2 Protein, His-tagged

Cat. No. Nrp2-1863R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat Nrp2 Protein (Glu652-Pro858) with N-His tag was expressed in E. coli.
Species	Rat
Source	E.coli
ProteinLength	Glu652-Pro858
Description	Predicted to enable identical protein binding activity and semaphorin receptor activity. Involved in axon guidance. Predicted to be located in axon. Predicted to be active in glutamatergic synapse. Predicted to be integral component of postsynaptic membrane. Orthologous to human NRP2 (neuropilin 2).
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 27.0 kDa Accurate Molecular Mass: 32 kDa
Purity	> 90%
Applications	Positive Control; Immunogen; SDS-PAGE; WB.
Stability	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

 Tel: 1-631-559-9269 1-516-512-3133

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48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

Storage

Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.

Storage Buffer

PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.

Reconstitution

Reconstitute in PBS or others.

GENE INFORMATION

Gene Name

Nrp2 neuropilin 2 [*Rattus norvegicus* (Norway rat)]

Official Symbol

Nrp2

Synonyms

NRP2; neuropilin 2; neuropilin-2; vascular endothelial cell growth factor 165 receptor 2;

Gene ID

81527

mRNA Refseq

NM_030869

Protein Refseq

NP_110496

UniProt ID

O35276

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