

Recombinant Rat Nrp2 protein, His & GST-tagged

Cat. No. Nrp2-8251R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat Nrp2 aa. (Glu652~Pro858) fused with N-terminal His & GST tag was produced in E. coli cells.
Species	Rat
Source	E.coli
ProteinLength	Glu652~Pro858
Description	An axonal guidance molecule.
Form	Freeze-dried powder
Molecular Mass	58kDa as determined by SDS-PAGE reducing conditions.
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Purity	>98%
Characteristic	The isoelectric point is 5.3.
Applications	Positive Control; Immunogen; SDS-PAGE; WB.
Stability	The thermal stability is described by the loss rate of the target protein. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein

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at 37°C for 48h, and no obvious degradation and precipitation were observed. (Referring from China Biological Products Standard, which was calculated by the Arrhenius equation.) The loss of this protein is less than 5% within the expiration date under appropriate storage condition.

Storage	Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.
Concentration	200µg/mL
Storage Buffer	20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% sarcosyl, 5% Trehalose and Proclin300.
Reconstitution	Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0mg/mL. Do not vortex.

GENE INFORMATION

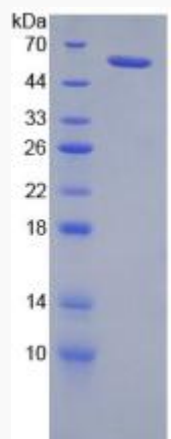
Gene Name	Nrp2 neuropilin 2 [<i>Rattus norvegicus</i> (Norway rat)]
Official Symbol	Nrp2
Synonyms	Nrp2; neuropilin 2; neuropilin-2; vascular endothelial cell growth factor 165 receptor 2
Gene ID	81527
mRNA Refseq	NM_030869.3
Protein Refseq	NP_110496.1
UniProt ID	O35276

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SDS-PAGE



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