

Recombinant Rat Nrp1 protein, His-tagged

Cat. No. Nrp1-809R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat Nrp1 aa. (Thr645~Glu821 (Accession # Q9QWJ9)) fused with N-terminal His tag was produced in E. coli cells.
Species	Rat
Source	E.coli
ProteinLength	Thr645~Glu821
Form	Freeze-dried powder
Molecular Mass	21 kDa as determined by SDS-PAGE reducing conditions.
Endotoxin	<1.0EU per 1g (determined by the LAL method)
Purity	>95%
Characteristic	The isoelectric point is 6.5.
Applications	SDS-PAGE; WB; ELISA; IP
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°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

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Storage	Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.
Storage buffer	Supplied as liquid form in Phosphate buffered saline(PBS), pH 7.4.
Reconstitution	Reconstitute in sterile PBS, pH7.2-pH7.4.

GENE INFORMATION

Gene Name	Nrp1 neuropilin 1 [Rattus norvegicus (Norway rat)]
Official Symbol	Nrp1
Synonyms	Nrp; neuropilin-1; vascular endothelial cell growth factor 165 receptor
Gene ID	246331
mRNA Refseq	NM_145098.2
Protein Refseq	NP_659566.1
UniProt ID	Q9QWJ9

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