

Recombinant Mouse Nrp1 protein, His-tagged

Cat. No. Nrp1-805M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Nrp1 aa. (Cys27~Phe141 (Accession # P97333)) fused with N-terminal His tag was produced in E. coli cells.
Species	Mouse
Source	E.coli
ProteinLength	Cys27~Phe141
Form	Freeze-dried powder
Molecular Mass	15 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 5.7.
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 [<i>Mus musculus</i> (house mouse)]
Official Symbol	Nrp1
Synonyms	Nrp; NP-1; Npn1; NPN-1; C530029I03; A5 protein; Neuropilin-1 precursor (A5 protein); transmembrane receptor; neuropilin-1
Gene ID	18186
mRNA Refseq	NM_008737.2
Protein Refseq	NP_032763.2
UniProt ID	P97333

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