

Neuropilin 1 (NRP1) Recombinant Protein | NRP1 recombinant protein

Recombinant Neuropilin 1 (NRP1)

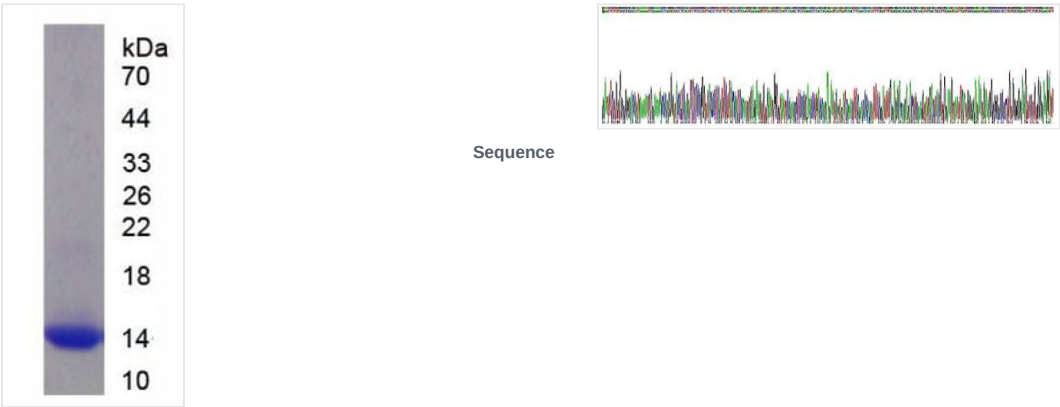
CATALOG # AAA134681	HOST E.coli	APPLICATIONS Western Blot, SDS-Page
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PRODUCT SYNONYMS

Neuropilin 1 (NRP1); Recombinant Neuropilin 1 (NRP1); NRP1 recombinant protein

PRODUCT SPECIFICATIONS

Host	E.coli
Purity/Purification	> 95%
Form/Format	20mM Tris, 150mM NaCl, pH8.0, containing 0.01% SKL, 5% Trehalose.
Concentration	Original Concentration: 250ug/mL (varies by lot)
Sequence	CGGTIKIENP GYLTPSGYPH SYHPSEKCEW LIQAPEPYQR IMINFNP HFD LEDRDCKYDY VEIDGENEG GRLWGKFCGK IAPSPVVSSG PFLFIKFVSD YETHGAGFSI RYEIF
Applicable Applications for NRP1 recombinant protein	WB (Western Blot), SDS-PAGE, Immunogen, Positive Control
Organism Species	Mus musculus (Mouse)
Source	Prokaryotic expression
Residues	Cys27~Phe141
Tags	N-terminal His Tag
Subcellular Location	Membrane, Cytoplasm
Traits	Freeze-dried powder
Predicted isoelectric point	5.7
Usage	Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0 mg/mL. Do not vortex.
Preparation and Storage	Storage: Avoid repeated freeze/thaw cycles. Store at 2-8 degree C for one month. Aliquot and store at -80 degree C for 12 months. Stability Test: 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 degree 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.



SDS-PAGE

NCBI AND UNIPROT INFORMATION

NCBI GI #	244792700
NCBI GeneID	18186
NCBI Accession #	NP_032763.2
NCBI GenBank Nucleotide #	NM_008737.2
UniProt Accession #	P97333; Q6PAR3
Molecular Weight	Predicted Molecular Mass: 14.6kDa Accurate Molecular Mass: 14kDa as determined by SDS-PAGE reducing conditions.
NCBI Official Full Name	neuropilin-1
NCBI Official Synonym Full Names	neuropilin 1
NCBI Official Symbol	Nrp1
NCBI Official Synonym Symbols	Nrp; NP-1; Npn1; NPN-1; C530029I03
NCBI Protein Information	neuropilin-1; A5 protein; transmembrane receptor; Neuropilin-1 precursor (A5 protein)
UniProt Protein Name	Neuropilin-1
UniProt Gene Name	Nrp1
UniProt Synonym Gene Names	Nrp
UniProt Entry Name	NRP1_MOUSE

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.