

Specifications:

Gene:	mNtn1
Accession:	AAC52971
Insert size:	1825bp
Concentration:	10µg at 0.2µg/µL

Description

This shuttle vector contains the complete ORF for the gene of interest, along with a Kozak consensus sequence for optimal translation initiation. It is inserted NotI to AscI. The gene insert is flanked with convenient multiple cloning sites which can be used to easily cut and transfer the gene cassette into your desired expression vector.

Preparation and Storage

Formulation	cDNA is provided in 10 mM Tris-Cl, pH 8.5
Shipping	Ships at ambient temperature
Stability	1 year from date of receipt when stored at -20°C to -80°C
Storage	Use a manual defrost freezer and avoid repeated freeze-thaw cycles.

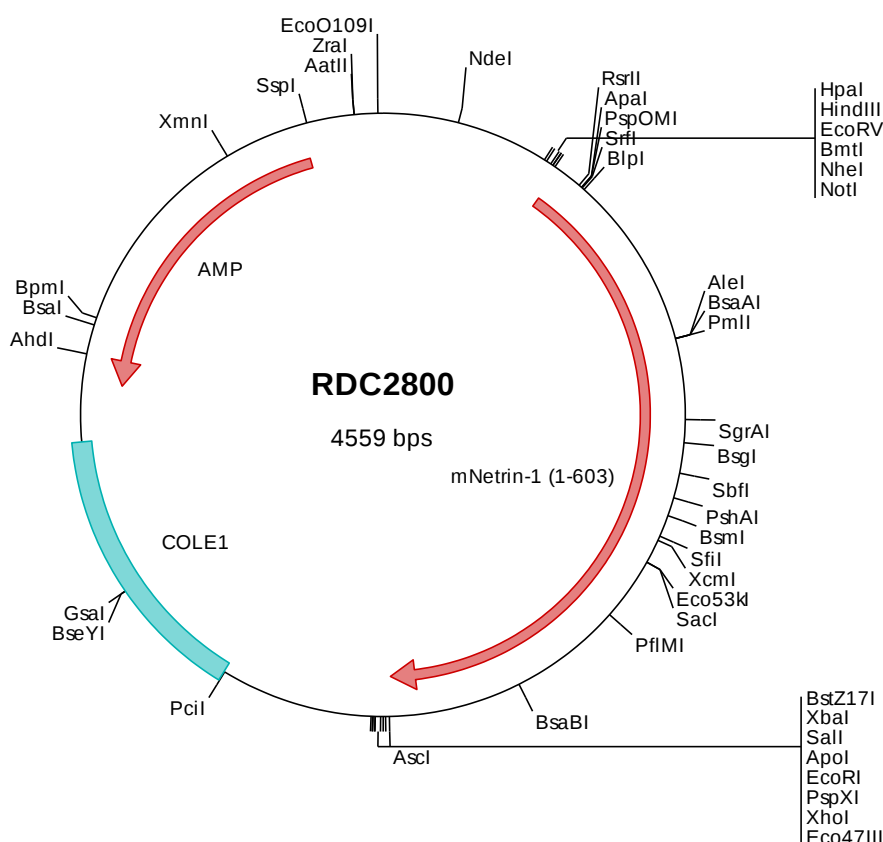
mNetrin-1 cDNA Plasmid

**Ntn1 netrin 1 [*Mus musculus*
(house mouse)]**

Also known as: AI561871;
BC019633; Netrin-1

Summary:

NTN1 belongs to a family of laminin-related secreted proteins. The function of NTN1 has not yet been defined; however, it is thought to be involved in axon guidance and cell migration during development. Mutations and loss of expression of NTN1 suggest that variation in NTN1 may be involved in cancer development.



> RDC2800 Plasmid DNA Sequence

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1   tcgcgcgcttt cgggtgatgac ggtgaaaacc tctgacacat gcagctcccc gagacgggtca cagcttgtct gtaagcggat gccgggagca gacaagcccg
101  tcagggcgcg tcagcgggtg ttggcgggtg tcggggctgg ctttaactatg cggcatcaga gcagattgta ctgagagtgc accatatgcg gtgtgaaata
201  ccgcacacgat gcgtaaggag aaaataccgc atcaggcgcc attcgccatt caggctgcgc aactgttggg aagggcgatc ggtgcgggcc tcttcctat
301  tacgccagct ggcgaaaggg ggaatgtctg caaggcgatt aagttgggta acgccagggt tttcccagtc acgacgttgt aaaacgacgg ccagtgatt
401  ggagacgtgt taacaagctt ggatccgata tcgctagcgc ggccgcacc atgatgcgcg ctgtgtggga ggcgtggcg ggcgtggcg ggcgtggcg cgtgtggcg cgtgtggcg
501  cctgtgtggc ggcgttcgcg ggcccgggct tagcatgttc ggccgcaccg cggcgacgc tgatccttgc tcggatgaga atggacaccc ggcccgctgc
601  atcccggaact ttgtcaacgc cgccttcggc aaggacgtgc gcgtgtccag caactgcggc cggcccccg cgcgtactg cgtgtgtgagc gagcgtgggt
701  aagagcgggt gcgctcctgt caactctgca actcttcgga tcaccaagaaa ggcgaccgcg cgccttctc caaccacctc aataaccgcg acaacctgac
801  gtgctggcag tcgcgagaact acctgcagtt ccgcacaaac gtgacgctca ctctgtcgt cggcaagaag tttgaggtga cctatgtgag cctgcaattc
901  tgctgcgcg ggccagagtc catggccatc tacaagtcca tggaactacg ggcgcagtgg gtgcccttc agttctatc caacgagtcg cgcacaaagt
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> RDC2800 Translated Insert Sequence

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1   mmravweala alaavacivg avrgpglsmf agqaaqpdpc sdenghprrc ipdfvnaafg kdvrvsstcg rpparycvvs ergeervsrc hlcnsdpk
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201  vctdshtdmr plsggliafs tldgrpsahd fdnspvlqdw vtatdirvaf srlhtfgden eddselards yyyavsdllq vgrckcngha arcvdrdds
301  lvcdcrhnta gpecdrckpf hydrpwqrar areanevcac ncnlharrcr fnmelyklsg rksggvclnc rhntagrhhc yckegfyrdm gkpithrkac
401  kacdchpvga agktcnqttg qcpckdgvgt itcnrcakgy qqsrspiapc ikipvapptt aassveeped cdsyckaskg klkmmmkkyk rkdyavqihi
501  lkadkagdw kftvniisvy kqgtsrirr qdglwirsrd iackcpkikp lkkylllqna edspdqsgiv adksslviqg rdtwarrlrk fqqrkkkgk
601  kka

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