

Specifications:

Gene:	<i>hNTN3</i>
Accession:	NP_006172
Insert size:	1756bp
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.

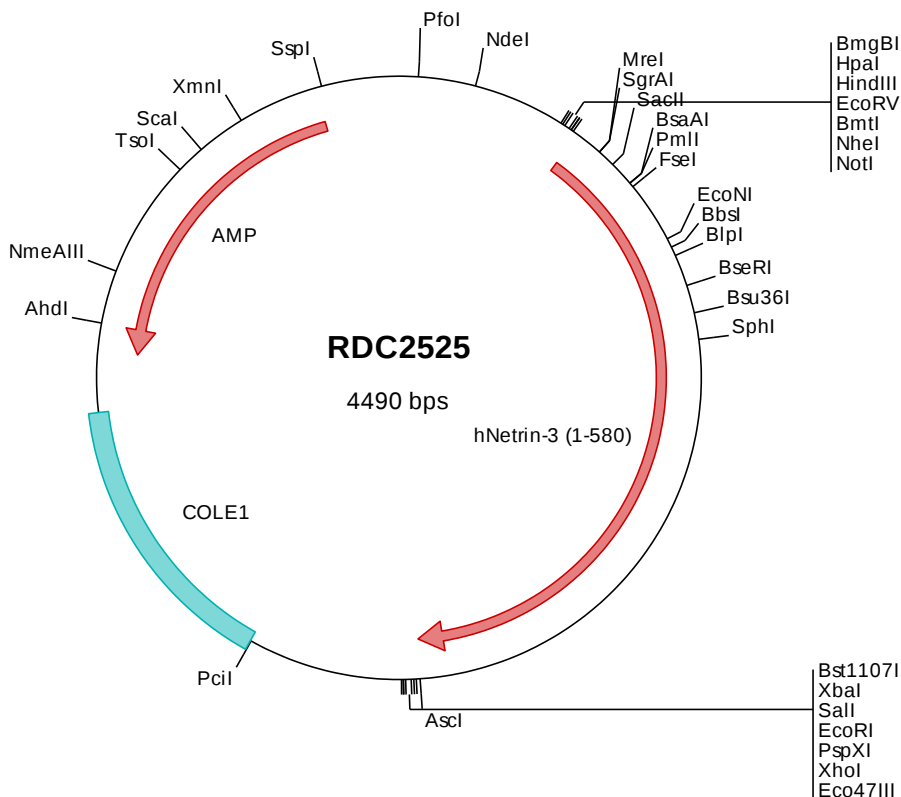
hNetrin-3 cDNA Plasmid

**NTN3 netrin 3 [*Homo sapiens*
(human)]**

Also known as: NTN2L

Summary:

NTN3 is a member of the netrin family of proteins, which function in various biological processes including axon guidance, tumorigenesis, and angiogenesis. Netrins are laminin-related proteins that have an N-terminal laminin-type domain, epidermal growth factor-like repeat domain, and a positively charged heparin-binding domain at the C-terminus.



FOR RESEARCH USE ONLY

NOT FOR USE IN HUMANS

> RDC2525 Plasmid DNA Sequence

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1   tcgcgcgcttt cggatgatgac ggtgaaaacc tctgacacat gcagctcccc gagacgggtca cagcttgtct gtaagcggat gccgggagca gacaagcccg
101  tcagggcgcg tcagcgggtg ttggcgggtg tcggggctgg cttaaactatg cggcatcaga gcagattgta ctgagagtgc accatatgcg gtgtgaaata
201  ccgcacacgat gcgtaaggag aaaataccgc atcaggcgcc attcgccatt caggctgcgc aactgttggg aagggcgatc ggtgcgggcc tcttcgctat
301  tacgccagct ggcgaaaagg ggaatgtgtg caaggcgatt aagtgtggta agccagggtt tttccagtc acgacgttgt aaaacgacgg ccagtgaatt
401  ggagacgtgt taacaagctt ggaaccgata tcgctagcgc ggccgcacac atgacctggc ggccctgggg gctgctgctg acggcaggca cgcctcttgc
501  cgccctgagt cctgggcgcg cggcgccgcg cgaccctgc cagcatgagg ggggtgcgcg ccgcgctgct gtgccaggac tgggtgaacgc cgcctctggc
601  cgcgagggtgc tggcttcacg cactgctggg cggcgggcca cctgggctgc cgacgcctcc gaccgcggac gggcacactc cccgcgcctc cttacttccc
701  cagggggcac ggccagccct cgtgtctggc cctgcaggta cctgcctcgg ggcctcactc acgtgactct cagcgtgccc ctgggcaagg cttttgagct
801  ggtctctcgtg agcctgcgct tctgctcagc tccccagcc tccgtggccc tgcctcaagtc tcaggacctt ggccgcagct gggcccgctt gggcttcttc
901  tectcccact gtgacctgga ctatggcctg ctgcctgccc ctcgcaatgg cccagctggc ccagggcctg aggcctctgt cttcccgcga cccctggccc
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2501 tgcctcactg actcgtctgc ctcggtcgtt cggctgcggc gagcgtatc agctcactca aaggcggtga tacggtttac cacagaatca ggggataacg
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> RDC2525 Translated Insert Sequence

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201  pglldldsspv lqdwvtatdv rvvlt1rpsta gdprdmeavv pysyaatdlq vggcrcknqh asrc1ldtqg hlicdrhgt egpdcgcrkp fycdrpwqra
301  tareshacla cscngharrc rfnmelyrls grrsggvcln crhntagrhc hycregfyrd pgralsdr1a cracdchpvg aagktcnqtt gqcpckdgv1
401  glt1cnrcapg fqqsrs1pvp cvkt1pipgt edss1vpqpd cdshckparg syris1kkfc kkd1yavqvav gargeargaw trf1p1vav1av frsgeerarr
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