

Specifications:

Gene:	hNTN4
Accession:	NP_067052
Insert size:	1900bp
Concentration:	10µg at 0.2µg/µL

hNetrin-4 cDNA Plasmid

NTN4 netrin 4 [*Homo sapiens*
(human)]

Also known as: PRO3091

Summary:

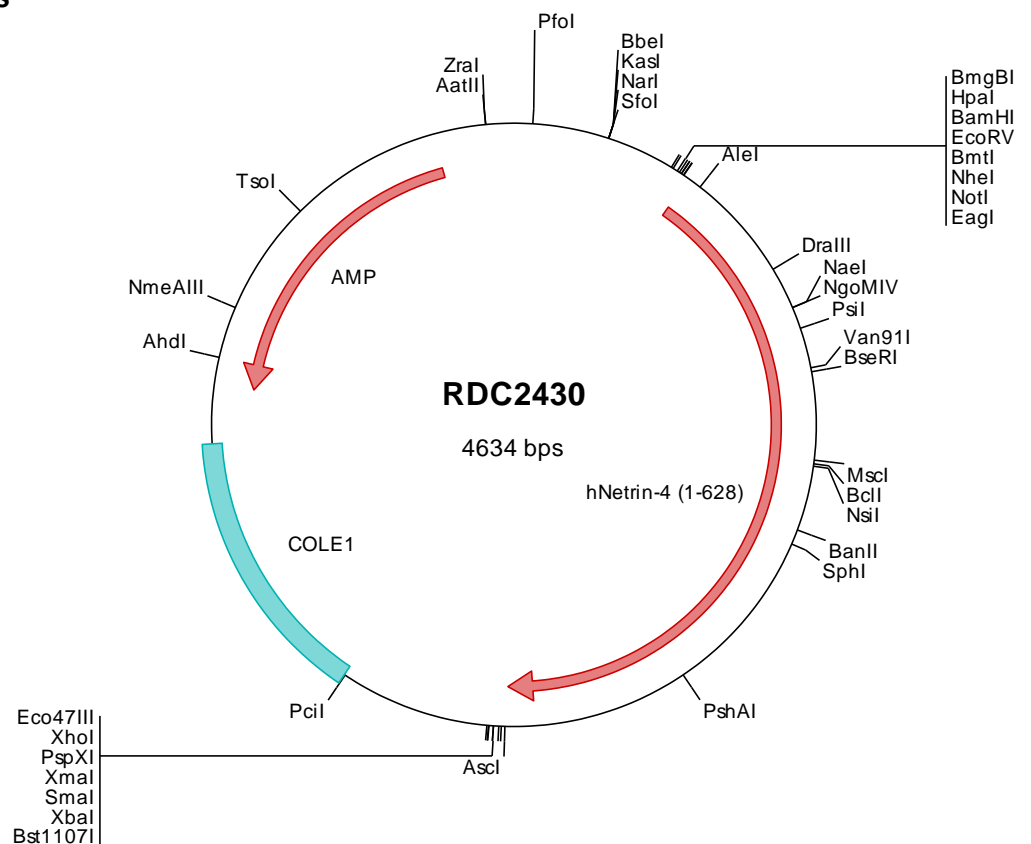
NTN4 is a member of the netrin family of proteins, which function in various biological processes including axon guidance, tumorigenesis, and angiogenesis. Netrins are laminin-related proteins that have an N-terminal laminin-type domain, epidermal growth factor-like repeat domain, and a positively charged heparin-binding domain at the C-terminus. NTN4 is involved in processes including neurite growth and migration, angiogenesis and mural cell adhesion to endothelial cells. Alternatively spliced transcripts encoding different proteins have been described.

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.



FOR RESEARCH USE ONLY

NOT FOR USE IN HUMANS

> RDC2430 Plasmid DNA Sequence

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1 tcgctgctgtt cggatgatgac ggtgaaaacc totgacacat gcagctcccc gagacgggtca cagcttgtct gtaagcggat gccggggagca gacaagcccc
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> RDC2430 Translated Insert Sequence

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