

Specifications:

Gene:	hNECTIN2
Accession:	NP_002847
Insert size:	1453bp
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.

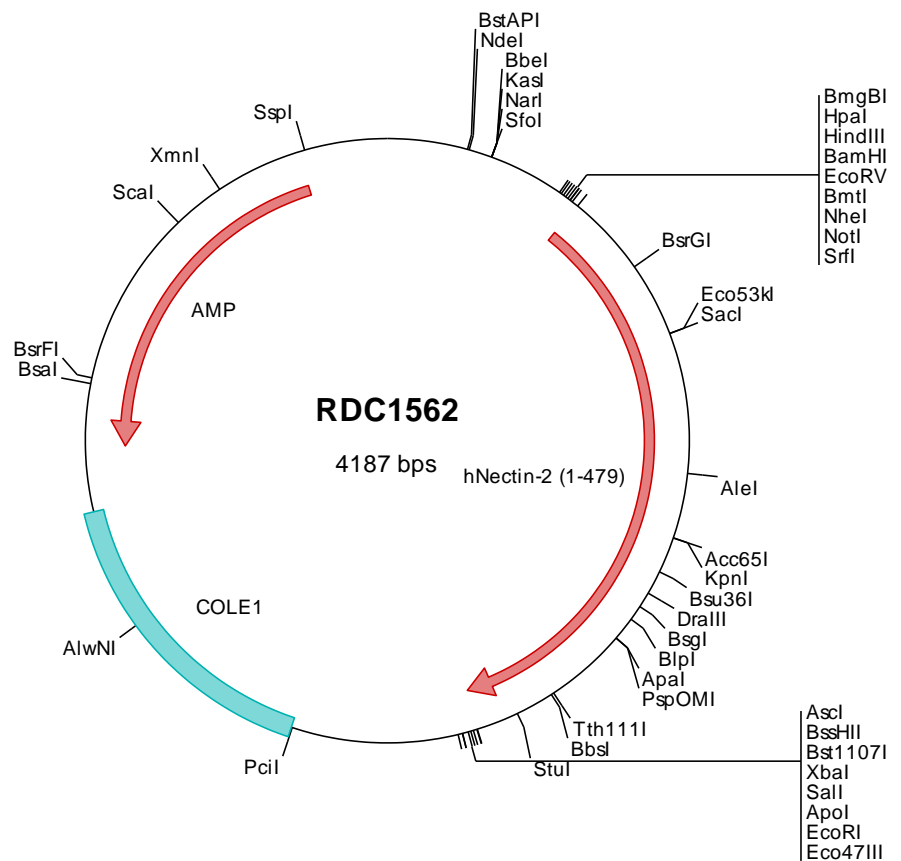
hNectin-2/CD112 cDNA Plasmid

NECTIN2 nectin cell adhesion molecule 2 [*Homo sapiens* (human)]

Also known as: HVEB; PRR2; CD112; PVRL2; PVRR2

Summary:

Nectin-2 is one of the plasma membrane components of adherens junctions. It exists on neurons, endothelial cells, epithelial cells and fibroblasts. Nectin-2 also serves as an entry for certain mutant strains of herpes simplex virus and pseudorabies virus, and it is involved in cell to cell spreading of these viruses. Variations in Nectin-2 have been associated with differences in the severity of multiple sclerosis. Alternatively spliced transcripts encoding different proteins have been described.



FOR RESEARCH USE ONLY

NOT FOR USE IN HUMANS

> RDC1562 Plasmid DNA Sequence

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1   tcgctgctgtt  cggatgatgac  ggtgaaaacc  tctgacacat  gcagctcccc  gagacggtca  cagcttgtct  gtaagcggat  gccgggagca  gacaagcccc
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201  ccgcacagat  gcgtaaggag  aaaataccgc  atcaggcgcc  attgccatt  caggctcgc  aactgttggg  aagggcgatc  ggtgcgggcc  tcttcctat
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> RDC1562 Translated Insert Sequence

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