

Specifications:

Gene:	cynoAMIGO2
Accession:	XP_005570711.1
Insert size:	1579bp
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.

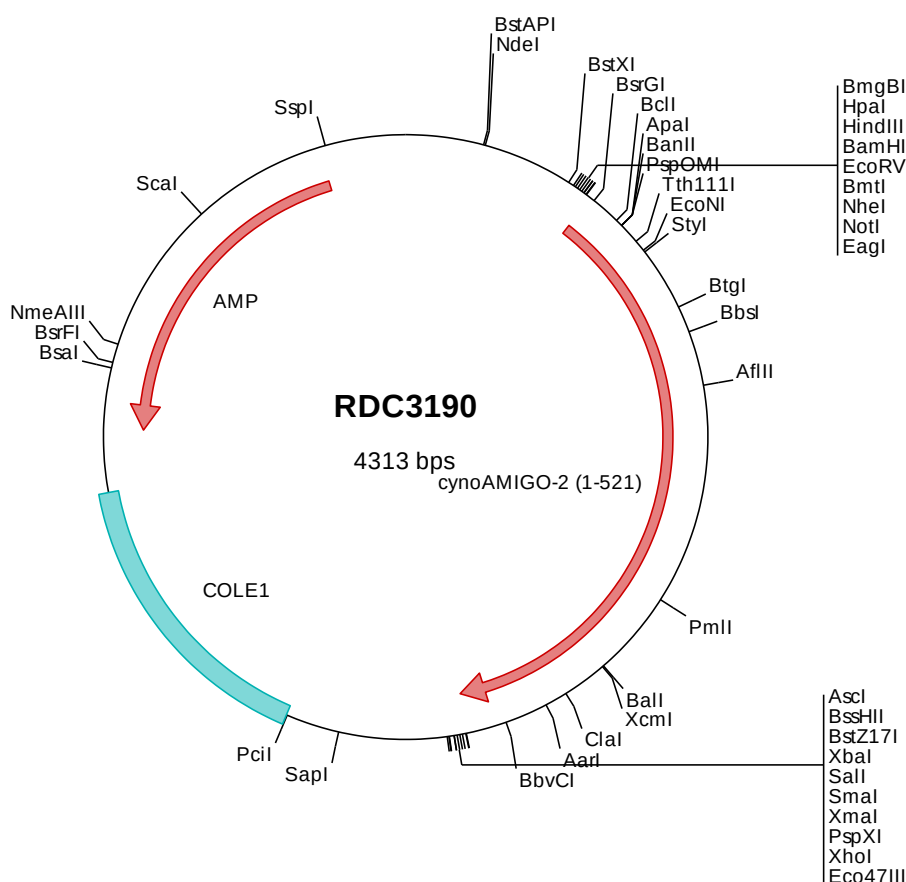
cynoAMIGO2 cDNA Plasmid

AMIGO2 adhesion molecule with Ig like domain 2 [*Macaca fascicularis* (crab-eating macaque)]

Also known as: AMIGO-2

Summary:

AMIGO2 is a member of the immunoglobulin superfamily. It is required for depolarization-dependent survival of cultured cerebellar granule neurons. It may also mediate homophilic as well as heterophilic cell-cell interaction with AMIGO1 or AMIGO3.



> RDC3190 Plasmid DNA Sequence

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1  tcgcgcgctt cggatgatgac ggtgaaaacc tctgacacat gcagctcccc gagacgggtc cagcttgtct gtaagcggat gccgggagca gacaagcccg
101  tcagggcgcg tcagcgggtg ttggcgggtg tcggggctgg ctttaactatg cggcatcaga gcagattgta ctgagagtgc accatatgcg gttgtgaaata
201  ccgcacacgat gcgtaaggag aaaataccgc atcaggcgcc attcgccatt caggctgcgc aactgttggg aagggcgatc ggtgcgggcc tcttcgctat
301  tacgccagct ggcgaaaggg ggaatgtctg caaggcgatt aagttgggta acgccagggt tttccagtc acgacgttgt aaaacgacgg ccagtgaatt
401  ggagacgtgt taacaagctt ggaaccgata tcgctagcgc ggccgcacc atgtcgttac gtgtacacac tctgcccacc ctgcttggag ccgtcagacc
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601  gtcagctgca ccaacaaaa cctgtccaag gtgcctggga accttttcag actgattaag agactggacc tgagttataa cagaattggg cttctggatt
701  ctgagtgat tcagtatca tttgcaagg tgaacacct aattcttctg catacaaca tcaccagcat ttccacgggc agtttttcca caactccaaa
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> RDC3190 Translated Insert Sequence

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201  nripmpmh inlvpgkqlr giylhgnpfv cdcslyslly fwyrhffssv mdfkndyter lwsdsrhrsq vlllqdsfmn csdsiingsf ralgfihqeaq
301  vgerlivhcd sktgnantdf iwmopdnrl1 epdkemenfh vfhnslslvie sprfedagvy sciamnkqrl lnetvdvtin vsnftvsrsh aheafntaft
401  tlaacvasiv lvlllylpt cpckcktkrq knmlhqsna hssilspgpag dasaderkag agkrvvflep lkdaagqng kvrlfpseav iaegilkstr
501  gksdsdsvns vfsdtpfvas t

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