

Specifications:

Gene:	mAmigo1
Accession:	NP_666249
Insert size:	1492bp
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.

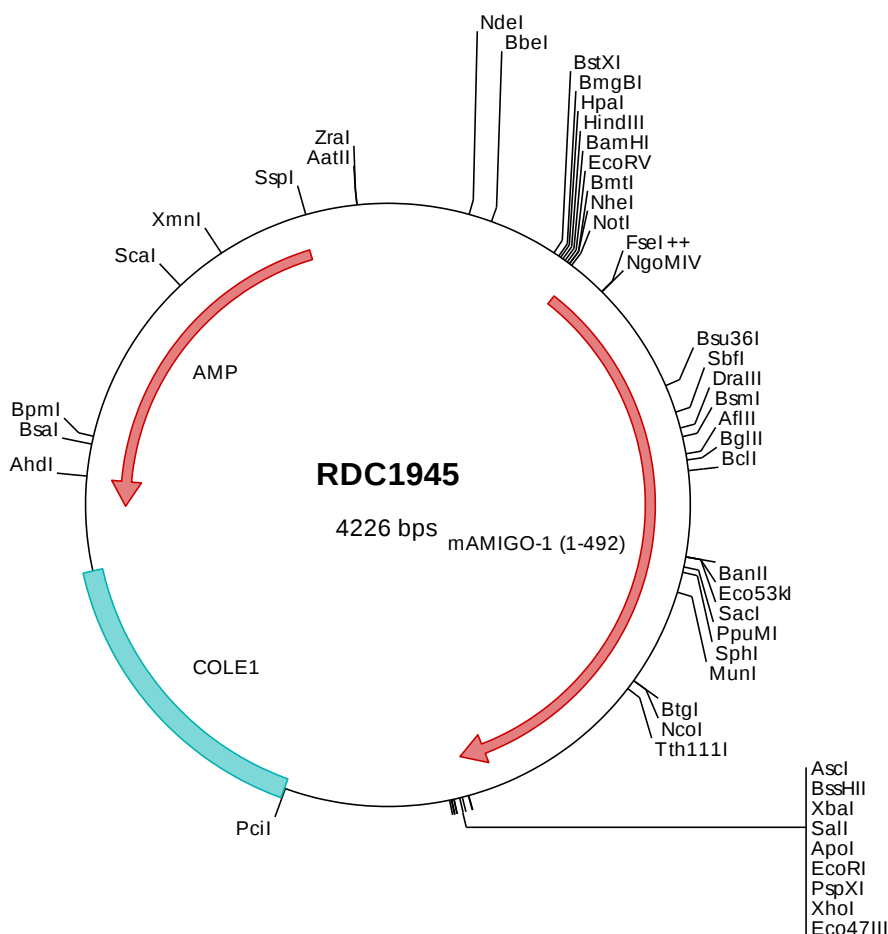
**mAMIGO cDNA
Plasmid**

**Amigo1 adhesion molecule with
Ig like domain 1 [*Mus musculus*
(house mouse)]**

Also known as: ali2; Amigo

Summary:

AMIGO1 is a transmembrane cell adhesion protein. It belongs to a family of leucine-rich repeat (LRR) containing proteins that play various roles in nervous system development and function. AMIGO1 is expressed along developing and mature neuronal fiber tracts on neurons, astrocytes, and oligodendrocytes. It promotes the extension and branching of hippocampal and cortical neurons. It also supports neuronal survival following apoptotic stimulation.



> RDC1945 Plasmid DNA Sequence

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> RDC1945 Translated Insert Sequence

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