

Specifications:

Gene:	mDcc
Accession:	NP_031857
Insert size:	4357bp
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.

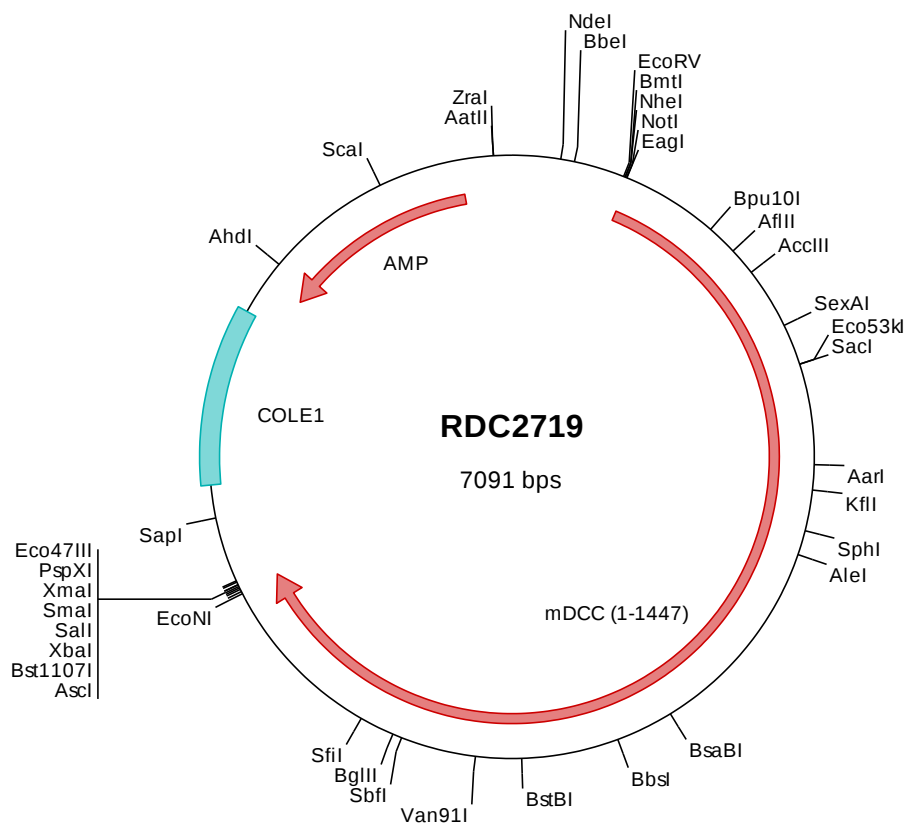
mDCC cDNA Plasmid

Dcc deleted in colorectal carcinoma [*Mus musculus* (house mouse)]

Also known as: Igdcc1;
C030036D22Rik

Summary:

DCC is a transmembrane protein that is a member of the immunoglobulin superfamily. DCC is expressed on axons during development where its binding to Netrin-1 regulates axon migration and myelination. It inhibits apoptosis when bound by Netrin-1 and can induce apoptosis in the absence of ligand. DCC also functions as an adhesion molecule and a tumor suppressor on intestinal epithelial cells. Deficiencies in DCC function are associated with the development and metastasis of many tumors.



> RDC2719 Plasmid DNA Sequence

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> RDC2719 Translated Insert Sequence

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