

Specifications:

Gene:	pDLL4
Accession:	NP_001231347.1
Insert size:	2071bp
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

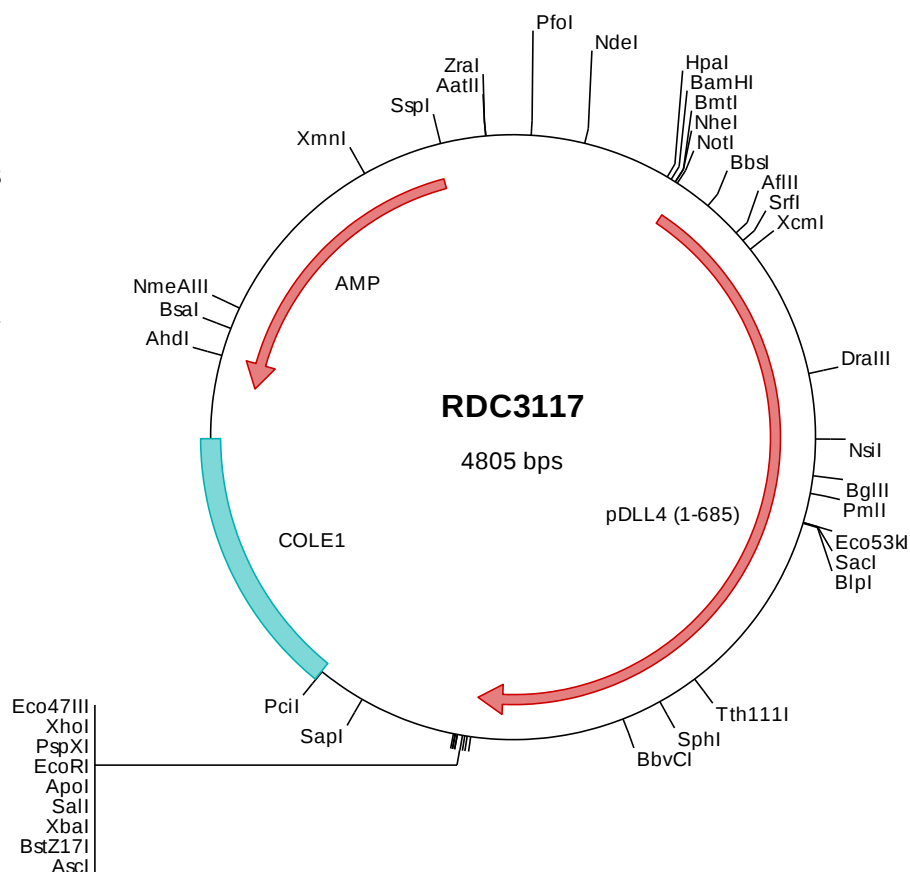
Formulation	cDNA is provided in 10 mM Tris-Cl, pH 8.5
Shipping	Ships at ambient temperature
Stability	1 year from date of receipt when stored at -20°C to -80°C
Storage	Use a manual defrost freezer and avoid repeated freeze-thaw cycles.

pDLL4 cDNA Plasmid

DLL4 delta like canonical Notch ligand 4 [*Sus scrofa* (pig)]

Summary:

DLL4 is a type I membrane protein belonging to the Delta/Serrate/Lag2 (DSL) family of Notch ligands. DLL4 is expressed highly and selectively within the arterial endothelium and has been shown to function as a ligand for Notch 1 and Notch 4. DLL4 expression is induced by VEGF and regulates the proliferation of endothelial tip cells during vascular sprouting. DLL4 may be involved in regulating tumor angiogenesis and play a key role in tumor neovascularity.



FOR RESEARCH USE ONLY

NOT FOR USE IN HUMANS

> RDC3117 Plasmid DNA Sequence

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> RDC3117 Translated Insert Sequence

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