

Specifications:

Gene:	<i>mVldlr</i>
Accession:	NP_038731.2
Insert size:	2635bp
Concentration:	10µg at 0.2µg/µL

**mVLDLR cDNA
Plasmid**

**Vldlr very low density
lipoprotein receptor [*Mus
musculus* (house mouse)]**

Also known as: AA408956;
AI451093; AW047288

Summary:

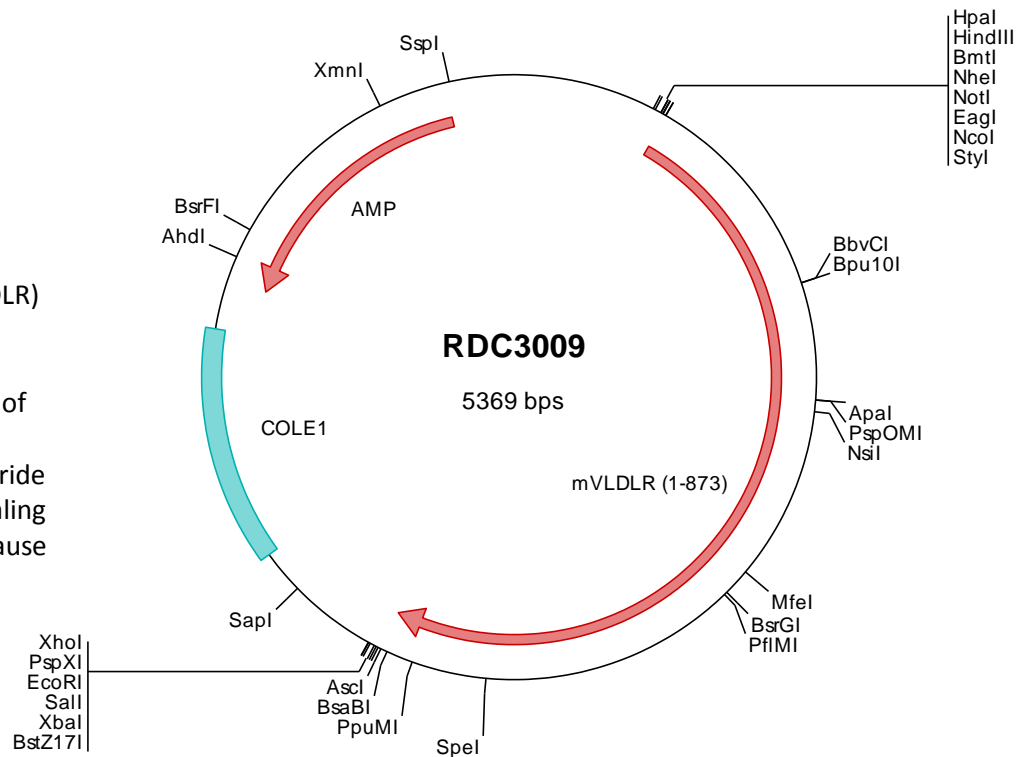
VLDLR is a member of the low density lipoprotein receptor (LDLR) gene family, consisting of cell surface proteins involved in receptor-mediated endocytosis of specific ligands. VLDLR plays important roles in VLDL-triglyceride metabolism and the reelin signaling pathway. Mutations in VLDLR cause VLDLR-associated cerebellar hypoplasia.

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.



> RDC3009 Plasmid DNA Sequence

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> RDC3009 Translated Insert Sequence

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