

Specifications:

Gene:	mLrp10
Accession:	NP_075369
Insert size:	2155bp
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.

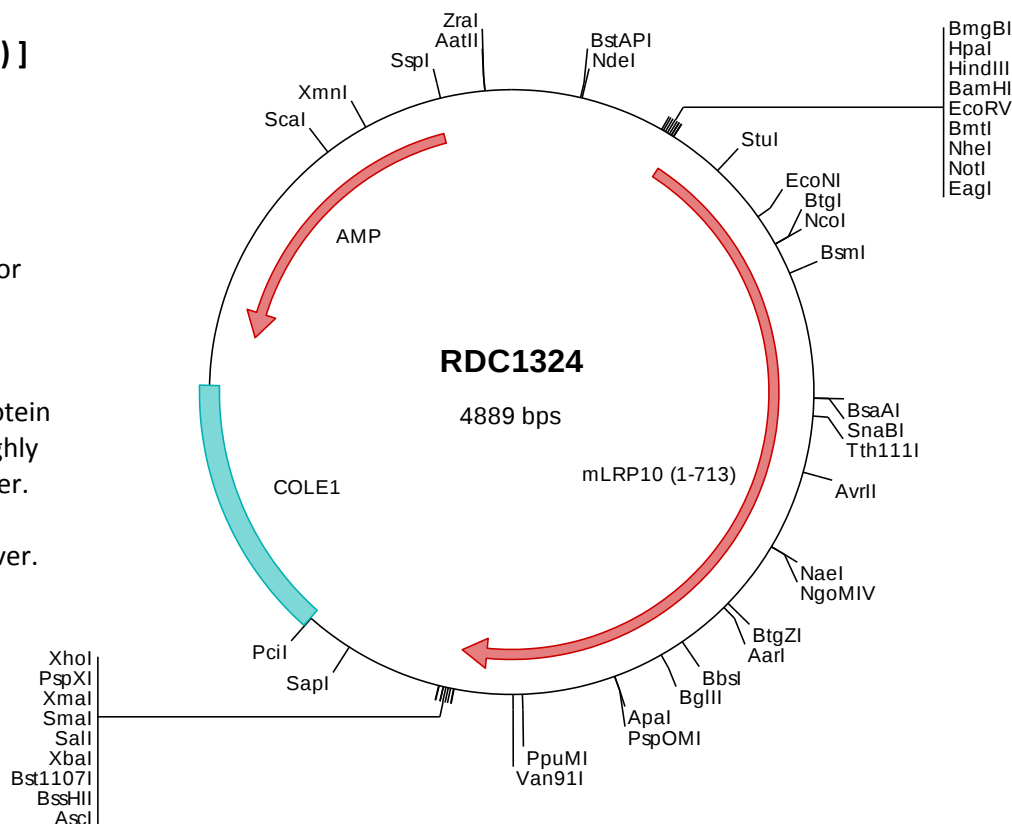
**mLRP-10 cDNA
Plasmid**

**Lrp10 low-density lipoprotein
receptor-related protein 10 [**
***Mus musculus* (house mouse)]**

Also known as: Lrp9

Summary:

LRP10 is a member of the low density lipoprotein (LDL) receptor gene family. LDL receptors are transmembrane cell surface proteins involved in receptor-mediated endocytosis of lipoprotein and protein ligands. LRP10 is highly expressed in heart, lung, and liver. LRP10 may be involved in the uptake of lipoprotein APOE in liver.



FOR RESEARCH USE ONLY

NOT FOR USE IN HUMANS

> RDC1324 Plasmid DNA Sequence

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201  ccgcacagat gcgtaaggag aaaataccgc atcaggcgcc attcgccatt caggctgcgc aactgttggg aaggcgcatc ggtgcgggcc tcttcgctat
301  tacgccagct ggcgaaggg ggaatgtctg caaggcgatt aagtgggta acgccagggt tttccagtc acgacgttgt aaaacgacgg ccagtgaatt
401  ggagacgtgt taacaagctt ggaatcgata tgcgtagcgc ggccgccacc atgctatcgg cctccctct tcttttctc ctcctcgag gtgctctggc
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601  agccgaagct cccctgcaa ctgcacctgg gttatcctgg gcagcaagga tcagacagta actgtcaggt tccagaagct gcactctggc tgtggtcag
701  agcatttaat cctgcactcc cctctacagc caaccaatct cctgtgtgag gccctctctg gccctttgca gctaccaggg ggcaatgtca ccattacata
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901  caacgctgca ttccagctgc tcagcgtgt gatgggattg atgctgcgg ggaatggctca gacgaggcag gctgcagctc agatccattc cctaacctga
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> RDC1324 Translated Insert Sequence

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201  ygvfsspgys hlasvshpqs clwlldphdg rrlavrfal dlsygdavhv ydgagppetp rllrslthfs ngkavtvetl sgqavvsyht vawssgrgfn
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601  eggavggqdg eqapplikt piptpstlpa latvseppg lpsvqvessl lsgvvqvllrg rllpslwspp pwtwtgtht tvlspededd vlllplaepe
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