

Specifications:

Gene:	mLrp4
Accession:	NP_766256
Insert size:	5730bp
Concentration:	10µg at 0.2µg/µL

**mLRP-4 cDNA
Plasmid**

**Lrp4 low density lipoprotein
receptor-related protein 4 [*Mus
musculus* (house mouse)]**

Also known as: mdig; Megf7;
D230026E03; 6430526J12Rik

Summary:

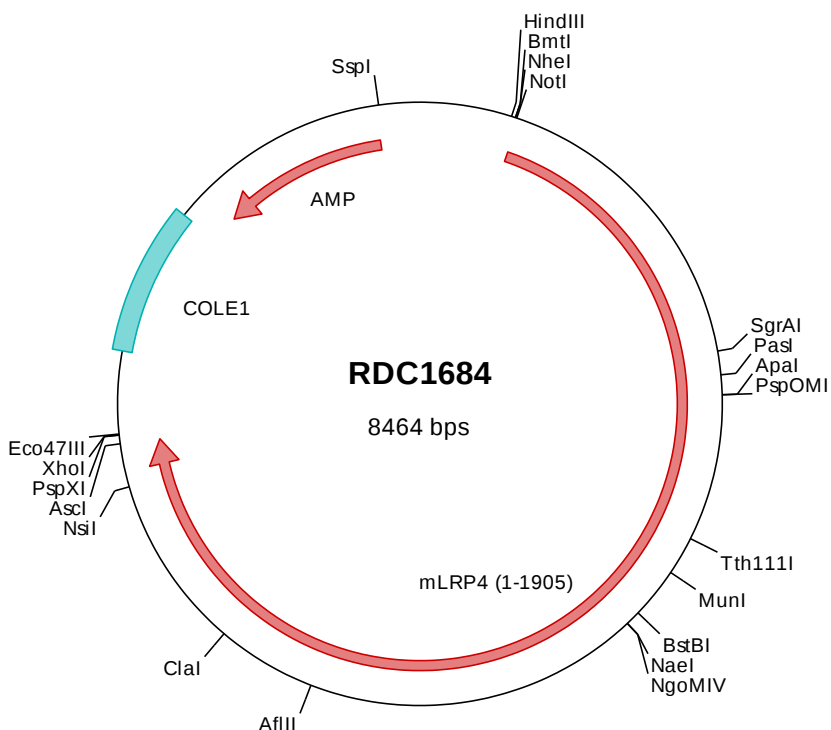
LRP4 is a member of the LDLR family of proteins. It is expressed on neurons, oocytes, spermatogonia and skeletal muscle cells, and binds multiple ligands, including WISE, apoE, MuSK and neuronal Agrin. It serves to negatively regulate Wnt signaling during development, and to cluster AChRs at neuromuscular junctions.

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.



> RDC1684 Plasmid DNA Sequence

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> RDC1684 Translated Insert Sequence

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