

Specifications:

Gene:	mLypd1
Accession:	NP_659568
Insert size:	439bp
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.

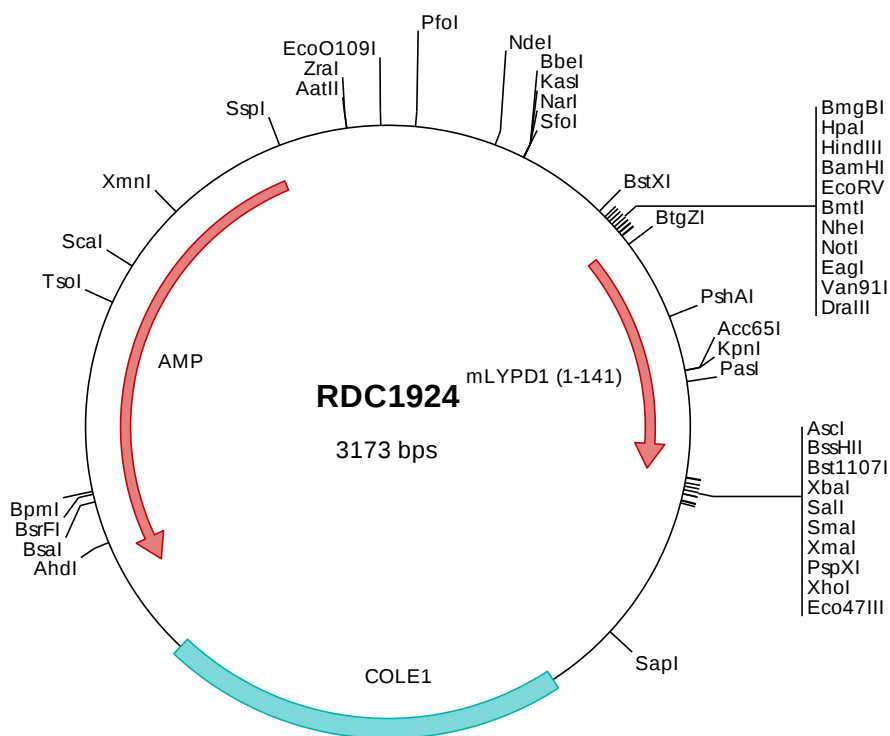
**mLYPD1 cDNA
Plasmid**

**Lyph1 Ly6/Plaur domain
containing 1 [*Mus musculus*
(house mouse)]**

Also known as: Lynx2; Lypdc1;
AI853408; 2700050C12Rik;
C530008O16Rik

Summary:

LYPD1 is a member of the Ly6 family of GPI-anchored proteins. It is expressed on postmitotic neurons in multiple locations, performing multiple functions. Two suggested functions include the ability to 1) block cell proliferation, and 2) bind to acetylcholine receptors, promoting their desensitization. Alternatively spliced transcripts encoding different proteins have been described.



> RDC1924 Plasmid DNA Sequence

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1   tcgcgcgcttt  cggatgatgac  ggtgaaaaacc  tctgacacat  gcagctcccc  gagacggtca  cagcttgtct  gtaagcggat  gccgggagca  gacaagcccg
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> RDC1924 Translated Insert Sequence

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