

**Specifications:**

Gene:	mLypd6
Accession:	NP_796113
Insert size:	529bp
Concentration:	10µg at 0.2µg/µL

**mLYPD6 cDNA  
Plasmid**

**Lyph6 LY6/PLAUR domain  
containing 6 [ *Mus musculus*  
(house mouse) ]**

**Also known as:** E130115E03Rik

**Summary:**

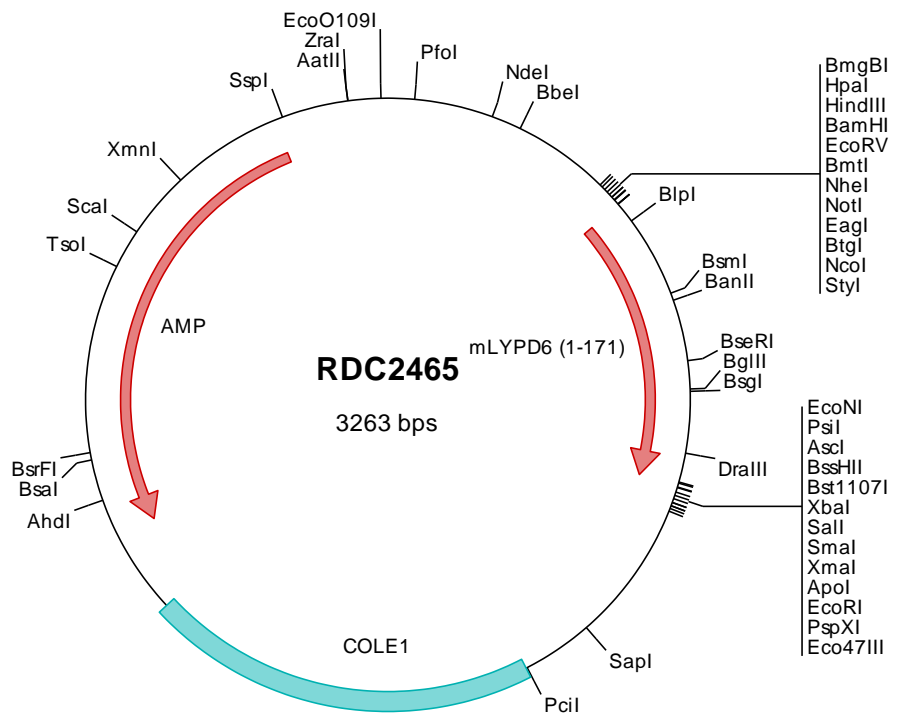
LYPD6 is a member of the LY6 protein family. It acts as a modulator of nicotinic acetylcholine receptors (nAChRs) function in the brain.

**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.



> RDC2465 Plasmid DNA Sequence

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1 tcgctgcttt cggatgatgac ggtgaaaacc totgacacat gcagctcccc gagacgggtca cagcttgtct gtaagcggat gccggggagca gacaagcccc
101 tcagggcgcg tcagcgggtg ttggcgggtg tcggggctgg ctttaactatg cggcatcaga gcagattgta ctgagagtgc accatatgcg gtgtgaaata
201 ccgcacagat gcgtaagagag aaaataccgc atcaggcgcc attcgccatt caggctcgcg aactgttggg aagggcgatc ggtgcgggcc tcttcctat
301 tacgccagct ggcgaaaagg ggatgtgctg caaggcgatt aagttgggta acgccagggt tttcccagtc acgacgttgt aaaacgacgg ccagtgaatt
401 ggagacgtgt taacaagcct ggatccgata tcgctagcgc ggccgcacc atggaacct gccctgccct ggccctggct ctactgtga gctgggtg
501 tgattgtctg aagctgtctc agtcccgaga cttcacagtg aaagacataa tctacctcca ccttcaacc actcogtatc ctggtgggtt taagtgtt
601 acctgtgaga aagcagcaga caattatgaa tgcaaccgat gggtctctga catctactgt cctcgagaca ccagatactg ctacactcag cacacgat
701 aagtcacagg gaacagcctc tctgtcacca aacgctgtgt cccgctggag gagtgttat ccacaggctg ccgagactca gagcaggaag gctacaagat
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1201 gtgccagctg cattaatgaa tcggccaacg cgcggggaga ggcggtttgc gtattgggag ctcttccgct tctcgcgca ctgactcgct gcgctcggtc
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2201 agttaccaat gcttaatcag tgaggcacct atctcagcga tctgtctatt tcgttcatcc atagttgctt gactccccgt cgtgtagata actacgatac
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3101 ggttattgtc tcatgagcgg atacatattt gaatgtattt agaaaaataa acaaataggg gttccgcgca catttcccgg aaaagtgcc cctgacgtct
3201 aagaaacat tattatcatg acattaacct ataaaaatag cgttatcagc aggccctttc gtc

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> RDC2465 Translated Insert Sequence

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1 mepspalawl lllslvadcl kaaqsrdfvt kdiiylhps tpyppgfkfc toekaadnye cnrwapdiyc prdtrycytq htmvctgnsi svtkrcvple
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