

Product datasheet for RN207311

Lypla1 (NM_013006) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Lypla1 (NM_013006) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Lypla1
Synonyms:	25KDL; Pla1a
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>RN207311 representing NM_013006 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGTGCGGCAACAACATGTCCGCCCGATGCCCGCGTGTGCCCGCCCGGAAGGCCACCGCCGCGG
TTATTTTCCTTCACGGATTGGGAGATACTGGGCACGGATGGGCAGAAGCCTTCGCAGGTATCAAAGTTC
CCACATCAAATACATCTGTCCACATGCGCCTGTTATGCCAGTCACACTAAACATGAGTATGATGATGCCT
TCTTGTTTTGATATTATTGGACTTTCACAGATTCCCAGGAGGATGAATCTGGAATTAAGCAGGCGGCAG
AAACTGTAAAAGCCTTGATAGATCAAGAAGTGAAGAATGGCATTCTTCTAACAGAATTATTTGGGAGG
ATTTTCTCAGGGAGGCGCCTTATCTTTATACACTGCTCTCACCACACAGCAGAACTGGCTGGTGTCACT
GCACCTCAGTTGTGGCTTCCACTTCGGGCTTCGTTTTACAGGGGCTATCAATAGTGCTAATCGAGATA
TTTCTGTTCTCCAGTGTGATGGAGACTGTACCCTTTAGTTCCCCTAATGTTTGGTCTCTTACTGTTGA
AAGACTAAAAGGATTGGTAAATCCAGCCAATGTAACCTCAAAGTCTATGAAGGCATGATGCACAGCTCA
TGTCAGCAGGAAATGATGGATGTCAAGTACTTCATTGATAAGCTCCTACCTCCAATTGATGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	Sgfl-MluI
ACCN:	NM_013006
Insert Size:	693 bp



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OTI Disclaimer: Due to the inherent nature of this plasmid, standard methods to replicate additional amounts of DNA in E. coli are highly likely to result in mutations and/or rearrangements. Therefore, OriGene does not guarantee the capability to replicate this plasmid DNA. Additional amounts of DNA can be purchased from OriGene with batch-specific, full-sequence verification at a reduced cost. Please contact our customer care team at custsupport@origene.com or by calling 301.340.3188 option 3 for pricing and delivery.

Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).

Components: The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).

Reconstitution Method:

1. Centrifuge at 5,000xg for 5min.
2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.
3. Close the tube and incubate for 10 minutes at room temperature.
4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.
5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.

RefSeq: [NM_013006.1](#), [NP_037138.1](#)

RefSeq Size: 2356 bp

RefSeq ORF: 693 bp

Locus ID: 25514

UniProt ID: [P70470](#)

Cytogenetics: 5q12

Gene Summary: may mediate cell death after hypoxic/ischemic cell injury [RGD, Feb 2006]