

Product datasheet for **MC201121**

Lypla1 (BC013536) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Lypla1 (BC013536) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Lypla1
Synonyms:	Pla1a
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >BC013536
 GCACTGTCCGCCAGCCGGTGGATGTGCGGCAACAACATGTCCGCTCCGATGCCCGCCGTTGTGCCGGCCG
 CCCGGAAGGCCACCGCCGCGTTATTTTCTTCACGGATTGGGAGATACAGGGCATGGATGGGCAGAAGC
 CTTTGCAGGTATCAAAGTCCCCACATCAAATACATCTGTCCACATGCCCTGTGATGCCAGTCACATTA
 AATATGAATATGGCTATGCCTTCTTGGTTTGATATCGTTGGACTTTCACCAGATCCCAGGAAGATGAAT
 CTGGAATTAACAGGCAGCAGAAACCGTAAAAGCCTTGATAGATCAAGAAGTGAAGAATGGCATTCTTTC
 TAACAGGATTATTTGGGAGGATTTCTCAGGGAGGCGCCTTGCTTTTATACACTGCTCTACCACACAG
 CAGAAACTGGCTGGTGTCACTGCACTCAGTTGCTGGCTTCCACTTCGGGCTTCGTTTTTCACAGGGCCGA
 TCAACAGTGCTAATCGAGATATTTCCGTTCTCCAGTGCCATGGAGATTGTGACCCTTTAGTTCGCCAAT
 GTTTGGTTCTCTTACTGTTGAAAGACTAAAAGCATTGATAAATCCAGCCAATGTAACCTTCAAATCTAT
 GAAGGCATGATGCACAGCTCATGTGAGCAGGAAATGATGGATGTCAAGCACTTCATTGATAAGCTCTAC
 CTCCAATTGATTGACATCACTAAGAGGCCCTTGTAGTAGAAGTTCACCAGCATCACAGTAGTAGATAAA
 CCTTCCCATGACTGACCATAGAATCTAATGTGTGCAGTGTTAAAATGTTTTGCAAATACATACCAA
 TGATACAGACTAAATGATGTTACCCTCATGGGAAATATATGATCCTTTTAAAGTGTCTATGCATATATTTG
 TATTATACAATTCAGAATATACTAAGTATTACAGTAGGTAAGTGAAGCAACTAGATTCTTTGTCTCAAT
 TCAGCAAAATAAGATAACAACAGTTTTTATTACATCATTGAAAATTACTAGTATGTTCTGTGAAGATGT
 GTTCAGGTAAGATGTAAGTGACTTCTTAGTCTGTGAGTTAGACTATAGTTTTACTCCACAATTGTCAG
 TCTCCATGCAGTGTCTGATTTTTCTGTTTGTATTACATAGATGATACTATAATAGCTAAGAATCAGAT
 GGTATTACATTATCCCTAATAATGGGGATAATGCTTTTGTAGTGTCAAAAAGTAATACTGCATTCTCAAT
 TAATGGCCCTTCTATTGGGAGACCAGGCTTTTTTCCCTTCTATGTAATTTTTCTCAAGAAAAACAAGG
 TTCTTTTTGATTTTCCGTAGAAAATAATATTGCCTCTCTGTATATATTTTATTTTGACATTTTGAGA
 TACAGACATAGCCGGGCGTGGTGGTGCATGCCTTAAATCCAGCACTCGGGAGGCAGAGGCAGGCGGATC
 TCTGTCAATAGCCTGGTCCACAGAGTGAGTTCAGGACAGCCAGGGCTACACAGAGAAACCTGTCTCGG
 AAACAAACAACAAACAACCCGAAACACAGACATACAGTATTTCCAACCTAGGTAATATGAAAAGAATC
 AAACATTACTTAAGTTTATATATTTCAAATAACTGCACCTTAGTCCAACCTTAGACTGTAGAGTTATAGA
 CTCTCCAGTCTGGTAATAAATCTGTGGTTTTATTTTTCTGAAAAACTTAAAGGGGAAGTAATATCTT
 GGCATATTTAGAAATACTTGTGACTGGCTTCAAATAATAATTTCTTAAATATCTTATAGCCGATTTTAA
 TTTACATTTTCTGTACATGTTATGCTTAAACCAAATACTGTTCAAGATGAGCAATCAGACTTATGTTTT
 ATTTTTATCTGGTAACATATTTTGAATTTTTCATCTTAAGTAAAGGAGCTTTTGATAATCAGTCTC
 CTGTACAAATATTAATAATAATTTGATTTTAAATCATCAGCATGTTCAAATACTGGTAAAAATTATT
 TAATATAAGGACTGGTTAGAACATTATATATATATCCCATATTTATAACTGTTACCACACAGTTGAATAT
 GTTGCAAAAATTATGGTTATTTCTGAACGGTGTCTTTTCTTGCTGTTTTCCAACCAACCAAGAAGCACCT
 TTATAACAGGTGCTAATTGATATGAAGATCATTTTGGTATGCTCAGATAGAATGAAGCCAAATGTCTG
 GATTTAAACAATTTCAAACAATCATTTACTATTTGCTTTACTTTAAAGAACATAAATTTACTTCAGTT
 ATTCTATCTGTAAGATTTATTTGGTATAAGAAATATTCCATTGACTGTGTGCTGTAATGTGGGAAAATG
 TCATGTTTTTCACAGTTTCTATCAATGTGAAATAAAATTTAATTTTGGCTTTAAAAAAAAAAAAAA

Restriction Sites: RsrII-NotI

ACCN: BC013536

Insert Size: 693 bp

OTI Disclaimer: 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: [BC013536](#), [AAH13536](#)

RefSeq Size: 2447 bp

RefSeq ORF: 693 bp

Locus ID: 18777

Cytogenetics: 1 A1

Gene Summary: Hydrolyzes fatty acids from S-acylated cysteine residues in proteins such as trimeric G alpha proteins or HRAS. Has depalmitoylating activity toward KCNMA1. Has low lysophospholipase activity (By similarity).[UniProtKB/Swiss-Prot Function]