

Product datasheet for MC202502

Lypla2 (NM_011942) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Lypla2 (NM_011942) Mouse Untagged Clone
Tag: Tag Free
Symbol: Lypla2
Synonyms: Lysoll
Mammalian Cell Selection: Neomycin
Vector: PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection: Kanamycin (25 ug/mL)

Fully Sequenced ORF: >BC068120 sequence for NM_011942
 GGAACGGAAGTTCGGCGGGGGCCGAGGGGGAAGAGTGTGTGCCTGTGCGGGAGAAAGGGGAGAATC
 GCCCGAACGGTCTCGGAAGCCACTGGGAGTGAGGCCAGCCTGCAGGAAGCCCTGCAGTGTATGTGTGGT
 AACACCATGTCTGTGCCCTGCTCACCGACGCAGCCACCGTGTCTGGAGCTGAGCGGAAACGGCCGCGG
 TTATTTTTTTACATGGACTTGGAGACACAGGGCACAGCTGGGCTGACGCCCTCTCCACCATCCGGCTTCC
 TCATGTCAAGTACATCTGTCCCATGCGCCAGGATCCCTGTGACACTCAACATGAAGATGGTGATGCC
 TCCTGGTTTGACCTGATGGGGCTGAGTCCGGATGCCCCAGAGGATGAAGCTGGCATCAAGAAGGCCGCGAG
 AGAACATCAAGGCTTTGATTGAACATGAGATGAAGAACGGGATTCTGCCAACCGGATCGTCTGGGTGG
 CTTCTCGCAGGGTGGGGCCCTGTCCCTATACAGCACTTACCTGCCCCACCCTCTGGCTGGCATTGTG
 GCATTGAGCTGCTGGCTGCCTCTGCACCGGAACCTCCCCAAGCAGCCAATGGCAGTGCCAAGGACCTGG
 CCATCCTTCAGTGCCACGGGGAGCTGGACCCCATGGTACCTGTTTCGGTTTGGAGCCCTGACAGCTGAGAA
 GCTCCGGACTGTTGTACACCTGCCAGGGTCCAGTTAAAGACATACCCAGGTGTCATGCACAGCTCCTGT
 CCTCAGGAGATGGCAGCTGTAAGGAATTTCTGGAGAACTTCTGCCTCCGGTCTAACTAGTTGCTGGCT
 CCCACCATGGTCCCCAGCTCATGGGGACCCAGCAAGCAAGCACCGCATCATCTTGGATCTGAGCCGGT
 CGAGCCCCGTGCCCTTCTTCCACCCTATCCTCTTCCACAGGCCCTCTGGGGCAGGTCGCGGAGGCTG
 GCCAGGCTTCTTGTGGCCTTGCCATCTGGAAGTCAGCAGCGGGTGGGCTGCTCTTATCCTGCGT
 CCCCAGAGGCGGGCCCCAGCAGCAGTATTGGAGGGCTGTAGGCGGCGGGAGGAAGGGGCCAGCTGCTG
 ACCCGCTCACTCAGGACCTCACCACTAGCCCCGCTTTGGGCCCTCCCGTGACCTCAGGTTTGGCCC
 GTGGGGCCCTCGTGGGCCCTCCCCCATGACTCTGCCGGATAATCGTCTCTCCTGCCTCGCTGCAGCC
 GCTTCTGTACGAATGTGTCCATGGCCCCGGGCCCTTGCTGCTGTGGGCTGCCTGCTCCAGGACAGGCTG
 GCCAGTGAGGAGGTAGAGTCCCTCGGGGCTCCCTCAGCCCCTCCCCGAGAGGGCTGGACCCTGCCTC
 CCCATGGCCCTTCTTGCAGGCTGGAGCTGCAGGGCTGGATTGAGGTTCAAGGGCCCCCAACTCCC
 TGCTGTCTACCCCCACTATGTCCCCCTTAGGGCCAGGGAGGTGGTGGGGAGGAGTTGTGTCTTGTCT
 TCTGTCTCATGTGTTTTGGGTGTTTTCTCGTTTTGTCTGGATTCCGATAAAATTAAGGAATTGCT
 TCAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA

Restriction Sites: AscI-NotI



[View online »](#)

ACCN:	NM_011942
Insert Size:	696 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:	<ol style="list-style-type: none"> 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:	<u>BC068120</u> , <u>AAH68120</u>
RefSeq Size:	1639 bp
RefSeq ORF:	696 bp
Locus ID:	26394
UniProt ID:	<u>Q9WTL7</u>
Cytogenetics:	4 D3
Gene Summary:	Hydrolyzes fatty acids from S-acylated cysteine residues in proteins such as trimeric G alpha proteins, GAP43, ZDHHC6 or HRAS. Deacylates GAP43. Mediates depalmitoylation of ZDHHC6 (By similarity). Has lysophospholipase activity (PubMed:10064901).[UniProtKB/Swiss-Prot Function]