

Product datasheet for **MC206640**

Liph (BC037489) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Liph (BC037489) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Liph
Synonyms:	PLA1B, mPA-PLA1, Lpdlr
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >BC037489
 CCACGCGTCCGCGGGAACGCGGGAACGCCAGGCTCTGTGCGGAGTGCACACGTCTCGTGTGGGGCA
 CATGATCTCTTGAGGTTCCCTATGCTGAGGCTATGTTTTTTCATCAGTTTCATGTGCTTGGTGAAATCAG
 ACACGGATGAAACATGCCGTCCTTCACCAGACTGAGCTTCCACAGCGCGGTGGTTGGTACAGGACTCTC
 CGTGAGACTGATGCTCTACACACAGAGAGACCAGACCTGTGCACAGATCATCAACTCCACAGCTCTGGGG
 AGCTTAAATGTGACCAAGAAAACCACTTTTATAATCCACGGTTTCCGGCCAACAGGCTCCCCTCCGGTTT
 GGATAGAGGAGCTGGTACAGAGTTTGATCAGTGTACAAGAGATGAATGTAGTGGTTGTTGATTGGAATCG
 AGGAGCGACAACCTGTGATATACCCCATGCGTCTAGCAAGACCAGACAAGTAGCTTCTATTTTGAAGGAA
 TTTATTGACCAGATGTTGGTCAAAGGAGCTTCTCTGGACAACATTACATGATTGGAGTAAGTCTAGGAG
 CCCACATAGCTGGATTTGTTGGCGAGTCGTATGAGGGGAAGCTGGGGAGAGTCACAGGTCTTGACCTGC
 AGGCCCTTTATTCAACGGGAGACCTCCTGAGGAGAGATTAGACCCAGCGACGCACTGTTCTGTTGACGTC
 ATCCACTCTGACACTGACGGTATAAAGTACTTCAAGTGTGACCACCAGATGTCCGTCTACCTGTACCTTG
 CATCCCTGCAAAATAACTGCTCCATCACGGCTATCCCTGCGACTCCTATCGGGATTATAGGAATGGCAA
 GTGTGTCAGCTGTGGCGCTGGACAAATTGTGCCATGTCCCGTGTAGGCTACTATGCTGACAGCTGGAAA
 GAGTACTTATGGGACAGAGATCCTCCGATGACGAAGGCGTTCTTCGACACAGCTGAGACAAGCCATACT
 GCATGTATCATTATTTTGTGGACATTGTATCTTGAACAAGAGCGTAAGAAGAGGGTTTATTACAATCAA
 ACTGAGAGGCGAAGATGGCAATATCACAGAATCCAAAATCGATCATGAGCCATCTGCATTGAGAAATAC
 CATCAAGTGAGTCTCCTCGCAAGATTTAATCGAGATCTGGATAAGGTGGCAGAGATTTCTTGTGTTCT
 CCACAGGGTCTGTAGTGGGCCCAAAGTACAAGCTCAGGGTCTGCAGATGAAGCTGAGGTCTCTGGCCCA
 TCCAGACAGGCCCTCACTTGTGTCGATATGATCTCGTCTTATGGAGAATGTTGAGACATCCTTCCAACT
 ATCCTGTGCTCTCAGCAGCAGATGTAGCTGCTGTTAAGACCTGTGGGCAGTGATGACATCAAGATCTCTA
 CAGCTATAGGCTTTCAGTGCCTCACCTATAGCGTCTGAAGGCTTCAAAGCATGGGGAAGAAAACCAA
 GGTTATTTTCGGCTGTGTTCCAAGGATGTGCGTCAAAAAATGTCAAAGGACCTGCGATTATGAAACAC
 CACTGGGAGGGGGGGGGCGCCCTAACTAGGGCAAGACAGAAATAGCCCAAGCTCCCTACAGCAAAGCACTT
 TGTCTGGCTGCGTCCCGAGGCCCACTTGTCCCACTGTGCAATCTGCTGCCTGTCATACCACACCCTC
 AGGGCCGTGGGCAAGCATCTAAATGGTCCCTGTGCCAATCCTCTGCCATCTCGCGGGGAACCGAATGG
 AGAATGAACCAGACTACCTCACAGGGACTGTGGGTGGGAGGGCCAGGCTGTGAAGGGTTTGAAATCCC
 TTGGGTCCCTTGGGTGGACTACTGTGAACATGCTTTTCTTTTGATAGGGTTTGGCTTTACGTAAAGACA
 CACAATCTCTTTTTTAACACCAGCTTTCCTCCTGGACTGTTTGCCTCGGGGCGACAAGAAGGCTCTGG
 CTTAGTCCAGACTCTTCTGAAGTGATGCTGATGGCCAGAGGTATTGGGCTGGGCTCATAGCCCTGAGGCC
 TGTGCAGCTAAGTGGAAGAAAGAGAAAAAACAACAAAAAAAAAAAAA

Restriction Sites: EcoRI-NotI

ACCN: BC037489

Insert Size: 1266 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.

Note: Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.

RefSeq: [BC037489](#), [AAH37489](#)

RefSeq Size: 2077 bp

RefSeq ORF: 1266 bp

Locus ID: 239759

Cytogenetics: 16 12.95 cM

Gene Summary: Hydrolyzes specifically phosphatidic acid (PA) to produce lysophosphatidic acid (LPA).
[UniProtKB/Swiss-Prot Function]