

Product datasheet for **MC200426**

Pla1a (NM_134102) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Pla1a (NM_134102) Mouse Untagged Clone
Tag: Tag Free
Symbol: Pla1a
Synonyms: AA986889; Ps-pla1; Pspla1
Mammalian Cell Selection: Neomycin
Vector: PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection: Kanamycin (25 ug/mL)

Fully Sequenced ORF: >BC003470 sequence for NM_134102
TCCAGCTCCACGATGCGTCCTGGCCTCTGGGAGACATGCTTCTGGTTGTGGGGACCACTTTTATGGCTCA
GCATTGGAAGTTCAGGGAACGTACCCCTACCACCCAACCAAGTGCACGGACTTTCAGAGTGCCAACT
CCTCCGAGGCACCAACCTCAAGGTGCAGTTTCTCCTCTTTACCCCTCGGACCCAGCTGTGGGCAGCTA
GTAGAAGAAGGCAGTGACATCCGGAGCTCTGAGTTCAACGCCAGTCTGAGAACCAAGTAATTATTCATG
GATTTCAGGGCGCTCGGAACAAAGCCTTCTTGGATCGACAAGTTTATCAGCGCTGTCTGCGGGCTCGGA
TGCTAATGTAAATCGCGGTGGACTGGTTTATGGTTCTACGGCGTGTACTACTCAGCAGTGGAGAATGTG
GTCAAGCTGAGCCTGGAGATCTCCCGTTTCTCAGCAAATTTTGGAGCTGGCGTGTGAGAGTCTCAA
TCCACATCATTGGTGTGAGTCTGGGGCTCATGTTGGAGGCATGGTGGGACATTTCTACAAAGGCCAGT
GGGACAGATCACAGGTCTGGATCTGCTGGACCAGAGTACACCAGAGCCAGCCTGGAGGAACGCTTGGAT
GCTGGAGACGCCCTGTTGTAGAAGCCATCCACACAGACACGGACAATTTGGGTATCCGGATTCTGTTG
GACATGTGGACTACTTTGTCAATGGAGGCAAGACCAGCCTGGATGCCCTGCCTTCTTTCACGCAGGTTA
CAATTACTTGATCTGTGATCACATGAGGGCAGTACACCTTACATCAGTGCCTGGAGAACCTGCCCA
CTGATGGCCTTCCCTGTGCCAGCTACAAGGCCTTCTCGCAGGAGACTGTCTGGATTGCTTTAACCCCT
TCCTGCTCTCCTGTCCGAGGATTGGACTGGTGGAAACGAGGTGGTGTATGATTGAGCCGCTCCCCAAGGA
AGTGAAGGTTTATCTCCTGACTACATCCAGTGCCCCGACTGTGTGCACCACAGCCTTGTGGAGTTTAT
TTGAAGGAGAAGAGAAAAAGGATACCAGCATCGAGGTACGTTTCTTAGCAACAACGTAACGTCCTCGG
TCAAGATCACCATACCTAAACAGCAACTGGAAGGGAGAGGGTTCATGGCTCATCTAACCCACAGTGCCA
GATAAACCAAGTGAAGCTCAAGTTCCAAGTTTCTAGCCGGTTTTGGAGAAAAGACAGAATCTCTGTTGT
GGGACTTTCTGTACTGCCCTCTGCCGGTCAATGACAGCAAGAAGACGGTCTGCATACCTGAGCCAGTGC
GTCTGCAAGCAGGCGTGCCTGCTTCCAGGACCTGAAAATAGCCTGCGTGTAGCCCGAGCCTATGCAGGA
GGCAGTGGCCGAGTTTTCCGAGGGCAGTGTGCCAAGAGCTGTTGTGAGAGCCGATTTTACCCCATTT
CTACTAAAGGGGAAGGCCAAATCTTGGTGGTTTTCCCTGTAAGCAGTTACTGTGGAGGGACAGATGAC
TCATGTTACAGACCTTGATCTCCGTCACCAACATCTAACGCTTACATAAATGCCCTTTTAGCTTCTTA
TTTCGACACAACGTGATTACCTCACACCCTTAAGCATCTATACTTAGGATTTAATAGAAATGTACGCAG
AGAAATTTTTTAAATAAACTGCCATGGAATATCTGAAAAAAAAAAAAAAAAA



[View online >](#)

Restriction Sites:	RsrII-NotI
ACCN:	NM_134102
Insert Size:	1371 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:	BC003470 , AAH03470
RefSeq Size:	1731 bp
RefSeq ORF:	1371 bp
Locus ID:	85031
UniProt ID:	Q8VI78
Cytogenetics:	16 26.83 cM
Gene Summary:	Hydrolyzes the ester bond at the sn-1 position of glycerophospholipids and produces 2-acyl lysophospholipids. Hydrolyzes phosphatidylserine (PS) in the form of liposomes and 1-acyl-2 lysophosphatidylserine (lyso-PS), but not triolein, phosphatidylcholine (PC), phosphatidylethanolamine (PE), phosphatidic acid (PA) or phosphatidylinositol (PI). Hydrolysis of lyso-PS in peritoneal mast cells activated by receptors for IgE leads to stimulate histamine production (By similarity).[UniProtKB/Swiss-Prot Function]