

Product datasheet for **MC223063**

Pld1 (NM_001164056) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Pld1 (NM_001164056) Mouse Untagged Clone
Tag: Tag Free
Symbol: Pld1
Synonyms: AA536939; C85393; mPLD1; Pld1a; Pld1b
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC223063 representing NM_001164056
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGTCACTGAAAAGCGAGACCAGGGTGAACACGTCTACACTGCAGAAAATCGCCGCAGATATGAGCAACC
 TGATAGAAAATCTCGACACCCGGGAGCTTCATTTTGGGGAGAGGAGGTGAATATGACGCATCTCCAGG
 AGACCCCAAGGCCAGGAAGGGTGCATCCATTCTCTTCTATTTACAACACTCAAGGATTTAAGGAGCCC
 AACATCCAGACCTACCTCTCTGGCTGTCCATAAAAGCACAAGTACTGGAAGTGGAGCGCTTCACATCGA
 CCTCAAGGGTGCCAAGTATCAACCTGTACACGATCGAGTTAACGCACGGGGAATTCACATGGCAAGTTAA
 GAGGAAATTAAGCACTTCCAAGAGTTTACAGAGAGCTGCTCAAGTACAAAGCCTTCATCCGGATCCCC
 ATCCCCACTAAAAGACATACATTTAGAAGACAAAATGTCAAAGAAGAACCCCGAGAGATGCCAGTCTGC
 CCCGTTTCATCAGAAAACGCAATCCAGGAAGAGCAGTTCCTTGGCAGGAGGAAGCAACTGGAAGATTACTT
 GACAAAAATACTAAAAATGCCCATGTACAGAACTATCATGCCACGACAGAGTTCCTTGATGTAAGCCAG
 CTGTCTTCATCCATGATCTGGGACCAAGGGCCTGGAAGGAATGATCATGAAAAGGTCTGGGGGACACA
 GGATACCAGGTGTAATTGCTGTGGCCATGGACGAGCCTGCTACCGGTGGTCAAAGAGGTGGTTGATAGT
 AAAAGACTCTTTCTGCTCTATATGAAACCAGATAGCGGGCTATTGCTTCGTCCTCCTTGATAGATAAA
 GAATTCAGAGTCAAAGTGGGAAGGAAAGAGACAGAAAACGAAATATGGACTTCGGATCGATAATCTTTCAA
 GGACCCTGATTTTAAAATGTAACAGCTACAGACACGCCCGGTGGTGGGAGGCGCCATCGAGGAGTTCAT
 CCGGAAGCATGGAGCTGACTTCTCAAAGACCATCGTTCGGGTCTACGCCGCTCTCCATGAGAACACG
 TTAGCTAAGTGGTATGTGAACGCCAAAGGTTACTTTGAAGACATCGAAATGCAATGGAAGAGGCATCGG
 AAGAGATTTTTATCACAGATTGGTGGTTAAGTCCAGAAATCTTCTGAAGCGCCAGTGGTGAAGGCAA
 CCGCTGGAGGCTGGACTGCATCCTCAAACGAAAGCACAACAAGGTGTGCGGATCTTCATAATGCTTTAC
 AAAGAGGTGGAGCTAGCCCTCGGGATCAACAGCGAGTACAGCAAGCGGACGTTGATGAGGCTGCACCCCA
 ACATAAAGGTGATGAGACACCCAGACCAGTGTCTCCAGCGTGTACCTGTGGGCTACCATGAGAGCT
 TGTCAATTATCGACCAATCAGTGGCTTTCGTGGGTGGGATTGACCTGGCCTACGGAAGGTGGGATGCAAT
 GAGCACAGACTCACAGACGTGGGAGTGTCAAGCGGGTCACTCAGGACTGTCTCTGGGCTCCCTCACGG



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CAGCATCAGTAGAGTCTATGGAATCCTTAAGCCTCAAGGATAAACATGAATTTTCATAAAAAGGAGCCCAT
 CTCAAAGATTGTTGATGAGACTGACATGAAGCTGAAAGGGATAGGAAAGTCCAGGAAATTCCTCAAATTT
 AGTCTCTATCGCCAGCTGCACCGTCACCACCTGCACAACGCGGACAGCATCAGCAGCATCGACAGCACCT
 CCAACTGGCTCCATCCGCAGCGTGCAGACCGGAGTGGGAGAACTCCACGGGGAGACTAGGTTTTGGCA
 TGGGAAGGATTACTGCACTTTGTCTTCAAGGACTGGGTTCAACTGGACAAAACCTTTTGTGATTTTCATT
 GACAGGTAACAACCCCGGATGCCTTGGCATGATATTGGCTCTGTGGTCCATGAAAGGCAGCTCGGG
 TTATCCCTTCTGCTACCAAAGTCTCAAGCGACAGCACAGATTGAGATATCAGGTGCCAGGGGCGGTC
 CCCGCCAAAGTGCAAGTTCCTCCGATCTGCTGCTGATTGGTCTGCTGGTATAAAGCACCATGAGGAATCCA
 TCCACGCTGCCTACATCCATGTAATAGAGAACAGCAAGCACTACATCTATATTGAAAACCAATTTTTTCAT
 AAGCTGTGCTGATGATAAAGTTGTGTTCAACAAGGTGGGAGATGCTATCGCCAGAGAATCCTGAAAGCC
 CACAGGGAAGGCCAGAGATATCGGGTGTACATTGTGATACCGCTGCTGCCGGATTTCGAGGGAGACATTT
 CCACAGGCGGGGGAACGCTCTACAGGCAATAATGCACTTCAACTACAGAACCATGTGCAGAGGGGAGAG
 CTCATCCTTGAACAGTTAAAGCCAGAGCTTGGTAATAAGTGGATAAATTACATATCGTTTTGTGGACTG
 AGAACACATGCAGAGCTGGAAGGAAACCTAGTCACCGAGCTCATCTACGTCCACAGCAAGTTGTTAATTG
 CTGACGACAACACAGTTATTATTGGTTCTGCCAATCAATGACCGGAGCATGCTGGGGAAGCGAGACAG
 CGAAATGGCTGTATAGTGCAGGACACAGAGACGGTCCCATCGGTGATGGATGGAAGGAATATCAGGCT
 GGTTCGTTTTGCCGAGACCTTCGCTGGAGTGCCTCAGACTTGTCTGGTTATCTTTCTGACCCAAAGTG
 AGGACCTTCAGGATCCTGTGAGTGACAAATTTCAAGGAGATTTGGGTTTCAACAGCAGCTCGAAACGC
 TACCATATGATAAGGCTTCCGGTGCCTTCCAATGATGAAGTACACAATTTAATCCAGCTGCGGGAC
 TTTATAACAAGCCCATATTAGCAAAAGAGGATCGCTTCGCGCCGAGGAAGAACTGAGGAAGATCCGCG
 GGTTCTTGGTGCAGTTCCTCTCTATTTCTTATCAGAAGAGAACCTGCTGCCTTCTGTTGGAACCAAGA
 AGCCATTGTGCCTATGGAGGTTTGACTTAA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:

SgfI-MluI

ACCN:

NM_001164056

Insert Size:

3111 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:

NM_001164056.1, NP_001157528.1

RefSeq Size:

4987 bp

RefSeq ORF:

3111 bp

Locus ID: 18805

Cytogenetics: 3 11.15 cM