

Product datasheet for **MC219368**

Plbd2 (NM_023625) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Plbd2 (NM_023625) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Plbd2
Synonyms:	1300012G16Rik; AU019810; P76
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >MC219368 representing NM_023625
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGCGGCCCCCGTGGATGGGAGCTCCGGCGGCTGGGCGGCCCGGGCGCTACGGCGGGCACTGGCGCTGA
 CCTCCCTGACCACACTGGCCTTGCTGGCCTCGCTGACCGGGCTGTTGCTGAGCGGCCGGCGGGCGCTCT
 CCCTACCTGGGGCCCGCTGGCAGCGCAAAATCCGGACCCGCCGGTCTCCCGCACCCGCTCGCTGCTG
 CTGGACGCCGCTCGGGCCAGCTGCGCCTGGAGGATGGCTTCCACCCGACGCGGTGGCCTGGGCAACC
 TCACCAACGCCATCCGCGAGACCGGGTGGGCTATCTGGACCTGAGCACAAATGGCAGGTACAATGACAG
 CCTGCAGGCTATGCAGCTGGTGTGGTGGAGGCCCTGTGTCTGAGGAGCTCATCTACATGCACTGGATG
 AACACGGTGGTCAACTACTGCGGCCCTTCGAATACGAAGTCGGCTACTGTGAGAAGCTTAAGAACTTCC
 TGGAGGCCAACCTGGAGTGGATGCAGAGGGAAATGGAGCTTAACCCGGACTCTCCGTAAGTGGCACCAGT
 GCGGCTGACCCTCTGCAGCTGAAAGGCCCTGGAGGACAGCTATGAAGGCCGTTAACCTTCCCAACTGGG
 AGGTTACCATCAAACCTTGGGGTTCTCTCTGCTGCAGATCTCTGGAGACCTGGAAGACCTAGAGCCAG
 CCCTGAATAAGACCAACACCAAGCCTTCCCTGGGCTCCGGTTCATGCTCTGCCCTCATCAAGCTGTGCC
 TGGCGGGCATGACCTCTGGTGGCGCACAAACAGTGGAACTCCTACCAGAATGTTACGCATCATCAAG
 AAGTACAGGCTGCAGTTCGGGAGGGGCCCAAGAGGAGTACCCCTGGTTGCTGGCAACAACCTGGTTT
 TCTCGTCTACCCGGGACCATCTTCTCCGGAGATGACTTCTACATCCTGGGCAGTGGCCTGGTCAACCT
 GGAGACCACCATGGCAACAAGAACCAGCCCTGTGGAAGTACGTGCAGCCCCAGGGCTGTGTGCTGGAG
 TGGATACGAAATGTCGTGGCCAACCGCTGGCCTTGGACGGGGCCACCTGGCAGACGCTTCAAGCGGT
 TCAACAGCGGCACGTACAATAACCAAGTGGATGATTGTGGACTACAAGGCATTCTCCCAACGGACCCAG
 CCCTGGAAGCCGGGTGCTCACTATCCTAGAACAGATCCCGGCATGGTGGTGGTGGCTGACAAGACTGCA
 GAGCTCTACAAAACGACCTACTGGGCTAGCTACAACATCCCGTACTTTGAGACTGTATTCAACGCTAGTG
 GGCTGCAGGCCCTGGTGGCCAGTATGGAGATTGGTTCTTTACACTAAGAACCCTCGAGCCAAGATCTT
 CCAGAGGGACCACTGCTGGTGGAGGACATGGACGCCATGGTCCGGCTCATGAGGTACAATGATTTCTCT
 CATGACCTCTGTATTGTGTAAGCCTGCAACCCAAAGCCTAATGCGGAGAATGCCATCTCTGCCCGCT
 CTGACCTCAACCCGCCAATGGTCCTACCCATTTAGGCCCTGCATCAGCGGCCCATGGTGGCATTGA
 TGTGAAGGTGACCAGCTTACCCTGGCCAAGTACATGAGCATGCTGGCGGCCAGTGGCCCCACGTGGGAC
 CAGTGTCTCCGTTCCAGTGGAGCAAATCGCCATTCCACAGCATGCTGCATGAGCCAGCCGACCTCT
 GGATGTTCTACCCATCAGGGTGGCATGGGACTGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_023625
- Insert Size:** 1785 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_023625.4](#), [NP_076114.2](#)

RefSeq Size: 3595 bp

RefSeq ORF: 1785 bp

Locus ID: 71772

UniProt ID: [Q3TCN2](#)

Cytogenetics: 5 F

Gene Summary: Putative phospholipase.[UniProtKB/Swiss-Prot Function]