

Product datasheet for **MC202963**

Plbd1 (NM_025806) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Plbd1 (NM_025806) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Plbd1
Synonyms:	1100001H23Rik
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >BC019793 sequence for NM_025806
 GAAGCGCCCAAGCAGGCAAGACTAATGTGAGAAGAAAGTTAAGATCGGCCCGGCCTCTGCAACGCAGCGC
 CCTGCTACCATCCTCAAGTGGCGCTCTTGCAACAGCTGCCACCGCCGGCCAGCGGGACCTAATCCAAC
 CAGGCCGAGGTCACAGCAGAGGAGCGATGTGCCACCGCAGCCCTGGCAGGAGCCTCAGGCCGCCATCGCC
 GCTGCTGCTGCTGCTGCCATTGTGCTGCAGCCTCCCTGGCGGGCCGGTGTGCCAGCCAGAGCGACCCA
 ACAGGAGTCCACTGTGCAACAGCATACTGGTCCCCTGAATCCAAGAAAGTGGAAATCAAGACGGTACTGG
 ACAAGAATGGGGACGCCCTACGGTACTACAATGACTCCATTAACCACAGGCTGGGGCATCCTGGAGAT
 CAGAGCTGGGTACGGCTCTCAGGTCTGTCCAATGAGATCATCATGTTTCTGGCTGGCTACCTCGAGGGC
 TACCTCACTGCTTACACATGTACGACCACTTCAAAAACCTGTACCCACAGCTGATCAAGAATCCTTCCA
 TTGTGAAAAAAGTGCAAGACTTCATGGAGAAGCAAGAAATGTGGACTAGGCAAAACATCAAAGCGCAGAA
 GGATGACCCATTCTGGAGACACACCGGCTATGTGGTGACCCAGCTCGACGGGCTGTATCTTGAGGCTCAG
 AAAAGGGCTTCAGAAGAGAAAAAAGGCCATGACAATGTTCCAAATTCAGTTCGTAACCCGTTGGTG
 ACCTGTTGGACCTTATCCCTCCCTATCTCCACAAAAAGCAGCAGCATGATGAAGTTTAAAGATTTGGGA
 AATGGGCCACTGTTCCGCTCTTATTAAGGTCTTCTGGATTTGAAAACATCTATTTGCCCACTCAAGC
 TGGTACACATATGCAGCCATGCTCAGGATCTATAAACATTGGGACTTCAACATCAAGGACAAATACACCC
 TCAGCAAAACGGCTGTCTTTCAGCAGTTATCCAGGGTCTTGGAGTCTCTGGATGACTTTTATATTCTCAG
 CAGTGGCCTGATATTGCTGCAGACCACCAACAGTGTGTACAATAAGACCTGCTGAAGCAGGTGGTGCCC
 AAGACTCTCCTGGCCTGGCAAAGAGTCCGTGTGGCCAACATGATGGCCGAGGGTGGTAAGGAGTGGGCAC
 AGATATTTTCAAAGCACAACTCTGGTACCTACAACAACAGTACATGGTCTGGACCTGAAGAAGGTGAC
 CATCAATAGGAGCCTGGCAAAGGCACTCTATATTGTGGAGCAAAATCCCTACATATGTAGAATACTCC
 GATCAAACCAATGTCCTAAGAAAAGGATACTGGGCTTCTATAATATCCCTTTCCACAAAACAATCTACA
 ACTGGAGTGGCTACCCTCTGCTGGTTCACAAGCTGGGCTTGGACTACTCTTATGACTTAGCTCCACGTGC
 CAAAATCTTCAGGCGTGACCAAGGGAACGTGACGGACATGGCCTCCATGAAATATATCATGCGATACAAC
 AATTATAAAGAGGACCCCTACAGCAAGGGGATCCCTGCAGTACCATCTGCTGTGCTGAGGACCTGAATG
 GAGCCAGTCCAAGCCCTGGAGGATGCTATGACACCAAGGTGGCAGACATCTTTCTGCATCTCAGTATAA
 AGCCTATGCCATTAGTGGTCCCACGGTACAAGATGGACTCCCGCCTTTAACTGGAATCGGTTCAATGAA
 ACGCTCCATCGGGGGATGCCAGAAGTCTTTGACTTTAATTTTGTACCATGAAACCAATTTTGTATAGG
 ACAAAAAGTGAGACATAGAGATGACAGAAAGCTGCGAATAGGACACCAAAAGGCACCTTAGCTGTATTTT
 CCCATCTGACTCTTAATAAAGAATATTAATTTCCCAAAAAAAAAAAAAA

Restriction Sites: RsrII-NotI

ACCN: NM_025806

Insert Size: 1653 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: [BC019793](#), [AAH19793](#)

RefSeq Size: 1940 bp

RefSeq ORF: 1653 bp

Locus ID: 66857

UniProt ID: [Q8VCI0](#)

Cytogenetics: 6 G1

Gene Summary: Exhibits weak phospholipase activity, acting on various phospholipids, including phosphatidylcholine, phosphatidylinositol, phosphatidylethanolamine and lysophospholipids. However, in view of the small size of the putative binding pocket, it has been proposed that it may act rather as an amidase or a peptidase (By similarity).[UniProtKB/Swiss-Prot Function]