

Product datasheet for **MC223823**

Plcb4 (NM_013829) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Plcb4 (NM_013829) Mouse Untagged Clone
Tag: Tag Free
Symbol: Plcb4
Synonyms: A930039J07Rik; A1854601; C230058B11Rik
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC223823 representing NM_013829
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGGCCAAACCTTACGAATTTAACTGGCAGAAGGAAGTGCCTCTTTCTTGAAGAAGGAGCAGTTTTTG
 ACAGATACGAAGAGGAATCTTTTGTGTTGAGCCCACTGCCTCTCAAAGTAGATGAATTCGGCTTCTT
 CCTGACGTGGAAGAGTGAAGGCAAGGAAGGACAAGTGCTAGAATGTTCCCTCATCAACAGTATTCGCCAA
 GCAGCCATACCAAGGATCCCAAAATCCTGGCTGCTCTCGAAGCTGTTGGAATAATCTGAAAATGATCTGG
 AAGGGCGGATATTGTGTCTGCGAGCGGCACGGATCTGGTGAATATCGGCTTCACTTACATGGTGGCTGA
 AAATCCAGAAGTAACTAAGCAATGGGTAGAAGGCTGAGATCGATCATTCACTTCAAGGCAAAACAAC
 GTCAGTCCGATGACATGCCTCAAGAACTGGATGAACTGGCCTTTCTGACCAACACAAGTGGTAAAA
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 GGAAGTGGTCTCCAGTGGAAAGAATGATGAAATTGAACCTGCTGCATTTACTTATGAAAAGTTCTAT
 GAACTGACACAAAAGATTTGCTCGGACAGATATAGAAGATCTTTTTAAAAAATCAATGGAGACAAAA
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 CTGAAGAAAAAAGGCCTCATATCCAGTGTGATTCTGCAGATATCTGATGTCAGATGAAAATGCCCTG
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 CAGGAAGGCCCTTGCCGCTCCTAATGACCTCAAAGAAAAAATACTCATCAAGAATAAGAGGCTGAAGCC
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 AGCATCTTGAAGACGACAATGAAGAGGAAATAGAAAAGTCTGATCAAGAGGAAGAAGCCACCTGAAT



ACAAATTTGAAATGAACTTTCTGCCGATGACTACAGTCACAAGGAAGCGGTTGCAAACAGCGTCAAGAA
 GGGCCTGGTCACCGTAGAGGATGAGCAAGCATGGATGGCATCTTATAAATACGTAGGTGCTACCACGAAC
 ATCCATCCGTAATGTCACGATGATCAACTATGCCAGCCCGTGAAGTTTCAAGGTTTCCACGTGGCTG
 AAGAGCGCAATATCACTATAACATGTCTTTTAAACGAGTCGGTTGGCCTTGGCTACTGAAGACGCA
 CGCGATTGAGTTTGTAAATTAACAATAAGCGACAAATGAGCCGATTTACCCAAAGGGAGGCCGAGTTGAT
 TCCAGTAATTACATGCCTCAGATTTTCTGGAACGCTGGTTGCCAGATGGTTTCACTGAACATCAAACCC
 CAGATTTAGCGATGCAATTGAATCAAGGAAAATTTGAGTATAATGGATCATGCGGGTACCTTCTCAAGCC
 AGATTTTCATGAGGCGCCCTGATCGGACATTTGACCCCTTCTGAAACCCCTGTGGACGGGTTATTGCA
 GCCACGTGCTCAGTGACGTTATATCAGGGCAGTTCCTCTCAGATAAGAAGATCGGGACATACGTGGAAG
 TCGATATGTACGGGCTGCCACCGACACCACACGAAAGAGTTCCGAACCCGCATGGTTATGAACAATGG
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 AGAATCGCAGTCTACGATGACAACAACAAGCTAATTGGCCAGAGGATCCTTCTTTGGATGGTCTCCAAG
 CAGGCTACCGACACATCTCCCTGAGAAACGAGGAAACAACCATTATCACTGCCAACAATTTTCTGCAA
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 TTTCTTTCAATCAGAGAAGAGAGCAGACCAAAATGAGAGCAATGGGCATTGAAACTAGTGACATAGCAG
 ATGTGCCAGTGACACTTCCAAAATGACAAGAAAGGCAAGGCCAACCCAGCCAAAGCGAACGTGACCCC
 TCAGAGCAGCTCTGAGCTCAGACCAACCACACAGCCGCCCTGGGCTCTGGCCAGGAAGCCAAGAAAGGT
 ATTGAACTTATCCCTCAAGTGAGGATAGAAGATTTAAAGCAAATGAAGGCTTACTTGAAGCATTTAAAGA
 AACAACAGAAGGAGTTAAACTCTTTAAAGAAGAAACATGCAAAGGAGCAGTACCATGCAGAAGTTACA
 CTGCACACAAGTTGACAAAATCGTGGCCAGTATGACAAAGAGAAGTCACTCATGAGAAAATCCTAGAG
 AAGGCGATGAAGAAGAAGGGGGAAGTAATTGTCTTGAATAAAAAAAGAAACAGAAATTTAAATTCAGA
 CCCTGACAACGGATCACAAATCTAAGGTCAAAGAGATTGTGGCCAGCACACAAGGAGTGGTCAGAAAT
 GATCAACTCACAGTGCGGAGGAGCAGGAAATCCGGGATCTGCACCTGAGCCAGCAGTGTGAGCTGCTG
 AGAAAGCTGCTCATCAATGCTCATGAGCAGCAGACCCAGCAGCTGAAACTCTCCATGACAGGGAAGCA
 AGGAGATGAGAGCCCATCAGGCTAAGATTTCTATGAAAAATAGCAAGGCCATCAGTCAAGATAAATCTAT
 CAAGAACAAGGCAGAACGGGAAAGGCGAGTCAGGGAGTTGAACAGCAGCAACTAAGAAGTTCTAGAA
 GAAAGAAAGAGACTGGCGATGAAGCAGTCAAAGAAATGGATCAGTTGAAAAAGTCCAGCTGGAGCACC
 TAGAATTCCTAGAGAAACAGAACGAGCAGGCGAAGGAGATGCAGCAGATGGTGAATTTGGAAGCCGAGAT
 GGACCGCAGACCAGCAACAGTAGTGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** Sgfl-Mlul
- ACCN:** NM_013829
- Insert Size:** 3528 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_013829.2](#), [NP_038857.1](#)

RefSeq Size: 3692 bp

RefSeq ORF: 3528 bp

Locus ID: 18798

Cytogenetics: 2 66.64 cM