

## Product datasheet for **MC203009**

### **Pqlc3 (NM\_172574) Mouse Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Pqlc3 (NM_172574) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Pqlc3
Synonyms:	C78076; E030024M05Rik
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



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**Fully Sequenced ORF:** >BC025220  
 CCGGCCGGCGGCAAGGCGGAAGGACTTTTTGGACTTTGAGCCTCCGGTTCTCACCTATAAGATCCTGAAC  
 CCCCTGGCCCGGCACGTCCGAGATTGCAGAATGGAGGCCGGACTGCTATGGTTCTGCAACTGGAGCACG  
 CTGGGCGTCTGCGCCGCACTCAAGCTGCCGAGATTTACGCGCAGCTGGCGGCGCGCAGCGCGGGGCA  
 TCAGCCTCCCTAGTTTACTTTTGGAGCTGGCGGGTTCCTGGTCTTCCTCGTTATCAGCATTACTATGG  
 GAACCCACTGCTCACCTATCTGGAATACCCCATCTCATCGACAAGACATTGTCCTCCTGCTCTTCGTC  
 TTTCAATGGAACGTGAAGCAAGCCTTACCCTACATGGCCGATTTTGTGTCTTCTTGGTTTCATCC  
 TCAGCCTGCAGAAATGGATCATCGACTTGGCCATGAACTTATGCACAGTCATTAGTGCAGCCAGTAAGTT  
 TGCCAGCTCCAGTATTTGTGGAAGGTACAAGATTCAGGAGCTGTGAGCGCACTGACCTGGGCGCTTTCT  
 GCCTACACCTGTGCAACAAGAATAATAACAACCTTAATGACCACCAATGACTTGACAATTCTTATACGTT  
 TTGTGATCATGTTGGCTTAAATATATGGGTAACAGCAACAGTACTTCACTACCGGAAAGTCTGTCACCAA  
 AGCTGAATGATGGATGCTTCTTCTACACACAGTGGACTTCAAACGACTGGACCAGATGATGCACCATT  
 GCTTCCATTGCTACATTTAAAATCTTTACTAGTCAACCATTTTCAAGAACTTTAAAGCAGGTTTGTAA  
 ACTTGAAAAGCCACTTAGCTGAATACGGGAAGTGCAAACCTATAATCCCAGCACTTGGGAGTCTGAGGT  
 AGCCTGGGCTACACAGCAAACCTCAGAGAAGGAAGACTAGGAGAGACGAAAGAGACACTTGATAAAATG  
 CCAACTTCTTCCCCAGTGCCTAGGTTGTGGAAGGGCTTAGATTGGGTTGTGTGTGGTTTTTGTCCC  
 TCCTTCCCCACAAGATAAAGTCTCGCTATATAGCCCAAGCTATCCTCCAACCTGTGATCCTCCAGCAGC  
 CTTTTGAGCACTGGGAGTGTGGACAAGAGTGGACCACCTTGTGACTTTGCAACTCAAATGATGGAACCT  
 GCCCAAGAGGCCATCTTACCCTTAAAGTCATGATTATATTTCCCGAAGAGCCAGCTACAGCTACACTGT  
 GGCTTTCAGAATATTAAGTAGTCTTCCACAATGAGTGGGGTCTGCTCAGTAACAAGTGGAACTGTTTAC  
 ACCTGGGCAAGTAACTTCCATAAACATAATGCAGTAAACATCCTCTCAAGCTAAGCAGGGCTAGCA  
 AAGTATGCAGAGATGGAAGTGGTTCATATACCAAGCAGTGTGCAACACAGTGTGCCTTACTAAACAGA  
 GCCCATCTGTTAGACGAGGAAATCTCAACTGTCTCTATTTAAGCACAACTCCACCATTTTTAAAG  
 GGCTATATCTCACAATTACCAGTGTGGAACCTTGTATAAGTTTTAGTTACTGGAAGGTATACATACAGT  
 AAAAAGTATTGCTAAGTCTAGCCAATTCTTAGGTATTTTATTCACTAAAGTAAGAATATCCTAAGCA  
 TATCCTAAACACTGTTGTCTGCAGTACTTCTCTGATGTTTTATAAATCCAGCCTTTAAAGCTCAGTTT  
 CTTCTTAAAGTGAATGTCATTACTCTGGTATACTGCAAGAAAGTAAATGAAGTTTACTGAAAAATGTTT  
 AGTTTTCTATATTTAATAAACTTTAATTTGTTGAACGCCCGGAAAAAAAAAAAAAAAAAAAAAAAAA

**Restriction Sites:** RsrII-NotI

**ACCN:** NM\_172574

**Insert Size:** 609 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:** [BC025220](#), [AAH25220](#)

RefSeq Size: 1885 bp  
RefSeq ORF: 609 bp  
Locus ID: 217430  
UniProt ID: [Q8C6U2](#)  
Cytogenetics: 12 A1.1