

## Product datasheet for **MC200134**

### **Pdia3 (NM\_007952) Mouse Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Pdia3 (NM_007952) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Pdia3
Synonyms:	58kDa; Erp; ERp57; ERp60; ERp61; Grp58; PDI; PDI-Q2; PI-PLC; Plca; PLC[a]
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



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**Fully Sequenced ORF:** >BC003285 sequence for NM\_007952  
GCGGGCTCTCCATCTCATTCTCCGGTCCCGGCCCTCCGACCGCGACCCGCCCATGCGCTTCAGCTG  
CCTAGCTCTGCTCCCGGGCGTGGCGCTGCTGCTCGCCTCGGCCCGTCTCGCCGCCCTCCGATGTGTTG  
GAACTGACGGACGAAAACCTTCGAGAGTCGCGTCTCCGACACGGGCTCGGCGGGGCTCATGCTGGTCGAGT  
TCTTCGCCCCCTGGTGTGGACATTGCAAGAGGCTTGCCCTGAGTATGAAGCTGCAGCAACCAGATTA  
AGGAATAGTCCCATTAGCAAAGTGGATTGCACTGCCAACACAAACACCTGTAATAAGTATGGGGTCAGT  
GGCTACCCAACCTTAAGATCTTTAGAGATGGTGAAGAAGCGGGTCTTATGATGGGCTAGGACTGCTG  
ATGGAATTGTGACCCACTTGAAGAAACAAGCAGGACCAGCTTCAGTTCCCTCTCAGGACTGAGGAAGAATT  
TAAGAAGTTCATTAGTGATAAAGATGCCTCAGTGGTGGTTTTTTTCAGGGATTTATTTCAGTGATGGGCAC  
TCTGAATTCCTAAAAGCAGCCAGCAACTTGAGAGATAACTACCGATTTGCACACACCAACATTGAGTCTC  
TGGTGAAGGAGTACGATGATAATGGAGAGGGGATCACTATATCCGTCCATTACATCTTGCTAACAAGTT  
TGAAGACAAAACGTGGCATATACTGAAAAGAAAATGACCAGTGGCAAGATCAAGAAATTTATTTCAGGAT  
AGCATTTTTGGTCTCTGCTCATATGACGGAAGATAATAAGATTTGATACAAGCAAGGACTTACTCA  
CCGCTTACTATGATGTGGACTATGAAAAGAATGCTAAAGTTCTAACTACTGGAGAAAACAGGGTCATGAT  
GGTGGCAAAGAAATTCCTTGATGCTGGACAAAACCTCACTTTGCTGTAGCTAGCCGTAAAACCTTTAGC  
CATGAAGTGTGAGATTTGGCTTAGAAAGCACTACTGGAGAGTTCTGTGTGGCTATCAGAACTGCTA  
AAGGAGAGAAGTTTGTGATGCAGGAGGAGTTCTCGCGAGATGGCAAGGCTCTTGAACAGTTCTGCAGGA  
ATACTTTGATGGCAACTTGAAGAGATACCTGAAGTCTGAACCCATCCCAGAGTCCAACGAAGGGCCTGTC  
AAGGTTGTGGTAGCAGAGAATTTTGTGACATAGTGAATGAAGAAGATAAGGACGTGCTGATTGAATTTT  
ACGCCCTTGGTGTGGCCACTGTAAAGATCTGGAACCCAAAGTATAAAGAGCTGGGAGAAAAACTCAGCAA  
AGATCCAAATATTGTCATAGCCAAGATGGATGCCACAGCCAATGATGTGCCTTCTCCATATGAAGTCAAG  
GGTTTTCTACCATCTACTTCTACCAGCCAACAAGAAGCTAACTCCAAGAAGTATGAAGGTGGCCGTG  
AATTAATGATTTTTATTAGCTATCTACAACGAGAAGCTACAACCCCTATAATTCAGAAGAAAAACC  
TAAGAAGAAGAAGGCAAGAGGACCTCTAAAGCAACAGCCAATGCACCCTTTATAAAGGACTC  
TTACACCAGAGAAGGCAAAACCAGAGAGGACAGAAATGGATAAACTCTGAATCCTGTTAAATTTTCTTAA  
ACTGTTTCTTAGCTGCACTGTTTAAAAACAAGGACCAGTTTATGTTTGTGGTTTGGGAGAAAATTTAT  
TTGTGTTGGGAAGATGTTGTGGGGTGGGGGAGTTGAGTTGGGGGTTATTTTCTAATTTTTTTTGTGTA  
CATTTGGAACAGTGACAATAAATGTGCCCTTTAAAAA

**Restriction Sites:** RsrII-NotI

**ACCN:** NM\_007952

**Insert Size:** 1518 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:** [BC003285](#), [AAH03285](#)

RefSeq Size: 1869 bp  
RefSeq ORF: 1518 bp  
Locus ID: 14827  
UniProt ID: [P27773](#)  
Cytogenetics: 2 60.38 cM