

Product datasheet for **MC219967**

Pdia4 (NM_009787) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Pdia4 (NM_009787) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Pdia4
Synonyms:	A1987846; Cai; ERp-72; Erp72
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >MC219967 representing NM_009787
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGAAGCTCCGAAAGCTTGGCTGTTGGTCTGCTCTTGGCGCTGACACAGCTGCTGGCTGCTGCGAGCG
 CCGGAGATGCACACGAAGATACTTCAGATACAGAAAATGCCACTGAGGAGGAAGAGGAGGAAGAGGAAGA
 GGATGACGATGACTTGGAGTTAAGGAAGAAAATGGTGTGGTCTTAAATGATGGAACTTTGATAAC
 TTTGTGGCTGACAAAGATACAGTCTACTGGAGTTCTATGCACCATGGTGTGGACTGCAAGCAGTTTG
 CTCCAGAATATGAGAAAATTGCCAGTACTTTGAAGGATAATGATCCTCCCATTGCTGTAGCGAAGATCGA
 TGCAACCTCAGCATCCATGCTAGCCAGCAAATTTGATGTGAGTGGCTACCCACCATCAAGATCCTGAAG
 AAGGGACAGGCCGTTGACTATGATGGCTCCAGGACCCAGGAAGAAATTTGCCAAAGTCAGAGAAGTTT
 CCCAGCCTGATTGGACACCTCCACCTGAAGTCACTCTTTCATTGACTAAGATAACTTTGACGATGTTGT
 AAATAATGCAGACATTATTTTGGTGGAGTTCTATGCCCGTGGTGTGGACTGCAAGAACTTGCCCT
 GAGTATGAGAAAGCTGCCAAGGAGCTCAGCAAGCGCTCTCCCAATTCCTTAGCCAAAGTGGACGCCA
 CCGAACAGACAGACCTGGCTAAGAGTTTGATGTCTCTGGCTACCCGACTTTGAAAATTTCCGCAAGG
 AAGGCCTTTTACTACAATGGCCACGAGAGAAAATATGGGATTGTTGACTACATGATTGAGCAGTCTGGG
 CCTCCCTCAAAGGAGATCCTGACCCTGAAGCAGGTCCAGGAGTTCCTGAAGGATGGAGATGATGTGGTCA
 TCATTGGGCTCTTTCAGGGAGATGGTGACCCGGCTACTTGACAGTATCAGGATGCTGCTAACACCTGAG
 AGAAGATTACAAGTTTACCACACTTTCAGCCCTGAAATAGCCAAGTTCCTGAAAGTCTCCCTGGGAAG
 TTGGTCTGACACACCCTGAGAAGTCCAGTCCAAGTATGAGCCAGGTTCCACGTGATGGATGTTGAGG
 GCTCTACAGAAGCATCAGCCATTAAGGACTATGTAGTGAACATGCCTTGCCCTGGTGGCCATCGTAA
 GACTTCTAATGATGCTAAGCGGTACAGCAAACGCCCTGGTGGTGTATACTACAGTGTGGACTTCAGC
 TTTGATTACAGAGCTGCTACTCAGTTTTGGCGTAACAAAGTCTAGAGGTGGCAAGGACTTCCCTGAGT
 ATACCTTCGCCATTGCTGACGAGGAAGACTATGCCACGGAGGTGAAGGACCTGGGGCTCAGTGAGAGTGG
 AGAGGATGTCAATGCAGCCATCTAGACGAGAGCGGGAAGAAAGTTTCCATGGAGCCAGAGGAGTTTGAT
 TCAGACACTCTCCGGAATTTGTCACAGCTTTTAAAAAAGGAAAAGTAAAGCCAGTCATCAAATCACAGC
 CAGTACCCAAGAACAACAAGGGACCAGTCAAGGTGGTGGTGGGAAAGACCTTTGATGCCATTGTGATGGA
 CCCCCAAAAGGACGTCTCATTGAATCTATGCACCCTGGTGTGGGCACTGCAAGCAGCTAGAGCCTATC
 TATACCAGCTAGGCAAGAAATACAAGGGCCAGAAGGACCTGGTATCGCCAAGATGGATGCTACTGCCA
 ACGACATACCAACGACCAATATAAGGTGGAGGGCTTCCCTACCATCTATTTTGCTCCAGTGGGGACAA
 AAAGAACCAATTAATTTGAGGGTGGCAACAGAGATCTGGAGCATTTGAGCAAGTTTATAGATGAACAT
 GCCCAAAGAGGAGCAGGACCAAGGAAGAGCTT**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** Sgfl-Mlul
- ACCN:** NM_009787
- Insert Size:** 1926 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_009787.2](#), [NP_033917.2](#)

RefSeq Size: 2610 bp

RefSeq ORF: 1926 bp

Locus ID: 12304

UniProt ID: [P08003](#)

Cytogenetics: 6 22.94 cM