

Product datasheet for **RN204052**

Pdia2 (NM_001105775) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Pdia2 (NM_001105775) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Pdia2
Synonyms:	Pdip
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN204052 representing NM_001105775
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGATGATCGGTTTCTGCCAGTGTGCTGCTCCTGCTGGGTGTCTCAGGCTCATGGGGACAGGGAGAGG
 AGCCGGGGGTCCCCAGAGGTGCTCTCTGAGGAGTCCATTGGGGAAGAAGTCCCCGAGGAGGATGGAAT
 CTTGGTTTTGAACAACCAAAACCTGAGCCTGGCACTGCAGGAGCATTAGCCCTGATGGTGGAGTTTTAT
 GCCCATGGTGTGGTCACTGCAAGGCACTAGCTCCTGAGTACAGCAAGGCAGCTGCCCTGCTGGCAGCTG
 AGTCAGCTGCGGTACCTTGCCAAAGTGGATGGGCTGCGGAACCAGAGCTGACCAAGGAGTTGGAGT
 GGTAGGGTACCCTACACTCAAGTTCTTCCAGAATGGAAACCGCACAAACCCAGAAGAATACATAGGGCCC
 AAGACAGCTGAGGGCATTGCTGAGTGGCTGAGGCGGCGAGTGGGGCCAGCGCCACAGTCTGGAGGATG
 AGGAAGGTGTCCAGGCACTGATGGCCAAATGGGATATGGTGGTTCATTGGCTTCTTTAGGATCTACAGGA
 AGAGGATGTGGCAACTTCTGCGCTTGGCCAGGGATGCTCTGGACATGGCCTTTGGCTTACTGACCAG
 CCACAGCTTTTTGAGAAGTTGGCCTCACCAAGGACACTGTGGTCTTTTCAAGAAGTTTGATGAGGGTC
 GGGCCGACTTCCCGGTAGACAAGGAGGCTGGCCTGGACCTGGGGGACCTGTCCCGCTTCCCTCATCACACA
 CAGCATGCACCTGGTACAGAATTCAACAGCCAGACATCACCTAAGATCTTTGCAGCCAGGATCCTCAAC
 CACCTGCTGCTGTTTGTGAACCAGACACTAGCTCAGCACAGGGAGCTACTGACAGGCTTCAGGGAGGCAG
 CTCCTCCATTCCGGGGACAGGTGTTGTTTGTGATGGTGGATGTGGCCGCTGACAACAGCCATGTGCTAAA
 TTATTTTGGCCTCAAGGCTGAGGAAGCCCCACCTGCGTCTGATTAATGTTGAGACTACCAAGAAGTAT
 GCACCTGCAGGGGTGATACCCATCACTGCAGCTTCTGTGGCTGCATTCTGCCAGGCAGTCCCTCCATGGGG
 AAGTCAAGCACTATCTCCTGAGCCAGGATACCCCCGACTGGGACCAGCGGCCAGTCAAGACTTGTG
 GAGCAAGAATTTTGGCAGGTTGCTTTGATGAAACCAAGAATGTGTTTGTCAAGTTCTATGCCCATGG
 TGACGCCACTGCAAGGAGATGGCTCCAGCCTGGGAGGCACTGGCAGAGAAGTACAGGGATCGTGAGGACA
 TTGTCTGCTGAGATGGATGCTACAGCTAACGAGCTGGAGGCCTTCTCTGTGCATGGCTATCCCACTCT
 CAAGTTCTTCCCTGCAGGACCTGACCGAAAGATTATAGAATACAAAAGCACAGGGACCTAGAGACATTC
 TCCAAGTCTGACAGAGGAGGTGACCTGCCTGAGGAAGAATCCAAGGAGCCTGCAGTCTCTGCCCCAG
 AAGCACAAACCAATTCCACCTTGGGTCCCAAGGAGGAGCT**TAG**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-Mlul

ACCN: NM_001105775

Insert Size: 1584 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_001105775.2](#), [NP_001099245.2](#)

RefSeq Size: 1671 bp

RefSeq ORF: 1584 bp

Locus ID: 287164

Cytogenetics: 10q12