

Product datasheet for **RN209058**

Pdzd8 (NM_001107446) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Pdzd8 (NM_001107446) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Pdzd8
Synonyms:	Pdzk8
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>RN209058 representing NM_001107446 Red=Cloning site Blue=ORF Orange=Stop codon

TTTGTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGC**C

ATGGGGCTGCTGCTCATGATCTTGGCGTCGGCCGTGCTGGGCTCGTTCCTCACGCTGCTCACACAGTTCC
TGCTGCTCTACCGCAGACAGCCGAACCGCGGCAGACGAGCGAGCCGCGCGGGCAGCGCTTCCGCTA
CCTTAAGCCGGTGCCGGGCTGCCCTCAGGGAGTACCTCTATGGCGGCGGCGCCGAGGAGCCCGCTGCT
GGGTCTCCGAGGCGGCGCCAGCACGACACCGACCCCGACAGCCGCGCCCGCCGACGCTGGAGACCT
GCTACTTCTCAACGCCACCATCTGTTCTGTTCCGGGAGCTGCGGGACACCGCTCGCCCGCCGCTG
GGTCACCAAGAAGATCAAGGTGGAGTTCGAGGAGCTGCTGCAGACCAAGACGCGCCGCGCTGCTGGAG
GGGCTGAGCCTGCGCGACGTGTTCTGGGTGACACCGTGCCCTACATCAAGACCATCCGGCTGGTGCGGC
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GCGTGCCCTTCACCCACTGGTCTTCTCCTTCGTGGAGGACCGCTGATTGACTTCGAGGTGCGCTCCCA
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AAGAAGATGAAGATCTTATCCATATTCAACAATGGGCACTTACTGAGGGCCGGCTTAAAGTTACATTGCT
AGAATGTAGCAGTTACTCATTTTTGGATCCTATGAGAGAGAAGCAAATGTTTCATTGCACACTTGAGCTA
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AAAGTGTGCGACTTACACTTCGTCTTGTTCAGTCAACTGATGGCTATGCTGGGCATGTCATAATTGAAAC
CGTGGCCCCAACTCACCTGCTGCCATTGCAGATCTTCAGCGGGGAGATCGGCTCATTGCTATTGGAGGT
GTGAAATCACATCGACACTGCAAGTGTTAAACTCATCAAGCAGGCCGCGACCGCTGCTGGTGTACT
ACCAGAGGCTGTTGGGAGAGTAACCAAGGGGCCATGCTGCAAGATAGTCTGGGCCAGTGGAAGAAAA
CTTTTGTCAAGCTCCTGCCAGCCAGGTTATGAAGAGGAAGCTGCTGGATTGCCAGTGGATAGTGAGACT



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AGAGATCTAGATTCCGAATTTGAAGACTTGGCAGGTGATGTCAGAGTACAAACAGAGTTGAAAGAGGAGA
 CACAACCGTTGAGTCACAGTCCCAACGTACTCCAACAACACTTTCTATTAACCCCTTGGCGCTATATC
 CCCAGTTTTAAATCGTAAATTAATTTTCAGGAATCCACCCACCACCACAAAACTTCCATCCAAGAAGGA
 AATAAACCATCAACTCTAAAACTTCAGAGGCCACAGAAGCAGCACAAGTGTCCAACCCCAAGTACCCA
 CTTTCAAACCACCTGTGCCCCACGACCACAGGGGAGAGTGCCTCTGCCTCCACTGACACCTCAGCTCA
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 AAGTAGTGAAAGATGCTCCTTCAGAGAGTTCTGCTCCCACTAAAGACCCTTCAGATGACCATCAGATGTG
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 AATCTGAGTATGCAGAAGGGCTTCAATGACAAGTTTTGTTTGGTGACATTACTATTCATTTCAAGTATT
 TGAAGGAAGGAGAACCAGACCAGATAGTTCCTAGTGTAGAGAAAGAAAGAGAACTCCATGTGGTTGA
 GGAAGTTTCTACACTCCCTAAAGAGGACCATTTTGTGGGACAGATGAGTTTGTGAGAAAAAATCAATAGT
 TTTCAAGATACTCAGTTCAAAAACCACTTGGTGTGATTACTGTAAGAAAAAGGTGTGGACAAAAGCTG
 CTTCCCAATGTATGTTCTGTGCTTATGTCTGTCTATAAAAAATGTCAGGAAAAAGTGTCTAGCTGAGACGCC
 TCTTTGTGGAGCGACTGAGAGCGAGTAGACCGGACCCTGAAAAGCCTCAGGCTGGAAGGACAGGACCCA
 CTCTTGGGCCCTTCTCCTCGTGTGGAGATGGAAGCTAACAAAGTCAGTCAATAAAACAACAGGGTTGACAA
 GGCATATCATTAACTAGCTCTCGCTTACTGAATCTGCGTCAAGTCTCTAAAACCCGCCTTGTGAACC
 AGGAACAGATCTGTAGAACCATACCAAAACACACACCAATACGTGAGACAATGAAGGCAGTGACACA
 GAGGTCTGTGGTCCAACAGTCTTCCAACGAGGAAACAGTGCAGGAATAAAGTTAACGAGAAAGGAAG
 GAGGGCTGGATGACAGTGTATTTATTGCAAGTAAAGAAATGGCCGTGATCTATACAGAGGCTTGCCAC
 CGAAGAGAGGATTCAGAAGCTAGAGTTTATGTTGGATAAGCTGCAGAAATGAAATCGATCAAGAGCTGGAA
 CACAACAATTCCTCGTTAGAGAAGAAAAAGAAACAAATGATACAGGAAGAAATCAGTTCTTTCCGCTT
 CTTTGGCTAAATCAGGAGAAAGACTACAAGCTCTGACACTTCTGATGATCCACTACAAAGCAGGCATTGA
 AGATATTGAAACCTTAGAAAACCTGTCCCTAGACCAGCATTGAAAAAGATGAACAAATACACAGAAGAC
 ACAGAAGAAGACCTCGACAGTGAGATAAGCCAGTTGATAGACTCTCAGCCATTGACGAACATCTCTGATG
 ACTTGTTTCGGCCCATCTGAGTCAGTAA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_001107446
- Insert Size:** 3459 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_001107446.1](#), [NP_001100916.1](#)

RefSeq Size: 7183 bp

RefSeq ORF: 3459 bp

Locus ID: 308000

Cytogenetics: 1q55