

Product datasheet for **RN217447**

Pdzrn3 (NM_001271251) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Pdzrn3 (NM_001271251) Rat Untagged Clone
Tag: Tag Free
Symbol: Pdzrn3
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >RN217447 representing NM_001271251
Red=Cloning site **Blue**=ORF **Orange**=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGGTTTCGAGTTGGACCGCTTCGACGGTGAAGTGGACCCTGATCTGAAGTGCGCCCTGTGCCACAAGG
TACTGGAGGACCCGCTGACCACCCCGTGCGCCACGTATTCTGTGCCGGCTGTGTGCTGCCTTGGTAGT
GCAGGAGGCAGCTGCCCTCGCGTTGTCCGGTCCGCTATCGGCCAAGGAGCTCAACCAGTCCCTCCA
CTCAAGCGTCTCATCCTCAAGTTGGACATCAAGTGCGCACGCGGCACGGGGCTGCGGCCGGGTGGTCA
AGTTGCAGGACTTGCCGAGCACCTGGAGCGCTGTGACTTCGCGCCCGCGCTGCCGCCACGCGGGCTG
CGGCCAGCTGCTGCTGCGACGCGACGTGGAGGCCACATGCGCGACGCTGCGATGCGCGGCCCGTGGGT
CGCTGCCAGGAGGGCTGCGGGCTGCCGCTGACTCACGGAGAGCAGCGGGCGGGCGCCACTGTTGCGCGC
GGGCTTTCGGGGCGACAACGGCGCGTGCAGGCCCGCTGGGCGCGCTGCACAAGGCGCTCAAGAAGGA
GGCGCTGCGGGTGGCAAGCGGGAGAAGTCGTTGGTGGCGCAGCTGGCCCGCGCAGCTCGAAGTGCAG
ATGACCGCACTGCGCTACCAGAAGAAGTTCACCGAGTACAGCGCGCCCTCGACTCGCTCAGCCGCTGCC
TGCCCGCGCCAGGCCGCAAGGGTGAAGAGACAAAAGTGTGACTCTTGTCTGCATCGGGACTCTGG
CTCCCTGGGATCAATATCATTGGTGGCCGGCCCTGTGTGGACAATCAAGATGGATCCTCCAGTGAAGGA
ATCTTTGTATCCAAAATAGTTGACAGCGGGCTGCAGCCAAGGAAGGAGGCTGCAAATTCATGACAGGA
TTATTGAGGTCAACGGCAAAGACTTATCCCGGGCAACTCATGACCAGGCTGTGGAAGCTTCAAGACAGC
CAAGGAGCCCATCGTGGTGCAGGTGTTGAGGAGAACACCGCAACCAAGATGTTACGCCTGCCTCAGAG
TCGAGCTGGTAGACACAGGCACCCAAACCGACATCACCTTTGAGCACATCATGGCCCTGACAAAGATAT
CTTCTCCAGCCCGCCGTGCTGGTCCCTACCTGCTGCCTGAAGAGCACCCCTCATCCCATGAATACTA
TGATCCGAATGACTACATGGGGGACATCCACCAGGACATGGACAGGGAAGAGCTGGAGCTGGAGGAAGTG
GGCCTTACAGGATGAACAGCCAGGACAAGCTGGCCCTCACCGTGTGCTACCGGACAGATGACGAAGAGC
ACATTGGCATTATATAAGTGAGATTGACCTAACAGCATTGCGGCCAAGGATGGACGGATCCCGTGAAGG
AGACCGCATCATCCAGATTAATGGCATAGAAGTTCAGAACCGTGAAGAGGCGTGGCTCTTCTAACCAGT
GAAGAAAATAAGAACTTTTCACTGTTGATCGAAAGCCTGAGCTCCAGCTGGATGAGGGCTGGATGGATG
ATGACAGGAATGACTTTTGGATGATTTGCACATGGATATGCTCGAGGAACAGCATCACCGCCATGCA
GTTACAGCCAGTGTGCTGCAGCAGAAGAAGCATGAGGAAGACGGTGAACCACAGACACAGCCACCATC



TTATCCAACCAGCACGAGAAAGACAGTGGTGTGGGGCGAACAGATGAGAGCACCCGCAATGATGAGAGCT
 CGGAACAGGAGAAATAACGGCGAAGATGCCACAGCATCCTCCAACCCGCTGGCGGGT CAGAGGAACTGAC
 CTGTAGCCAGGACACCCTGGGCAGTGGCGACCTGCCTTTCAGCAACGAGTCTTTCATCTCGGCAGACTGT
 ACGGATGTGGACTACCTGGGCATCCCAGAGGATGAGTGTGAGCGTTTTTCGCGAGCTCTTGGAGCTCAAGT
 GCCAGGTACAGAGCACCAGCCCCACAGCCTGTACTACCCCAACAGCCCCTGGATGCTGCTGGCAAGGG
 TGATCCCGAGAGTGTGGACAAGGAGCTGGAGCTACTCAATGAGGAGTTGCGTAGCATCGAGCTGGAGTGC
 CTGAGCATCGTGGCGCGCACAAGATGCAGCAGCTCAAGGAGCAGTACCAGGAGTCTGGATGCTGCACC
 ACAGTGGCTTCCGCAACTACAACACCAGCGTGGACGTGCCCGCCATGAGCTCTCGGACATCACTGAGCT
 GCCGAAAAGTCAGACAAGGATAGTTCAAGCGCCTACAACACTGGGGAGAGCTGCAGGAGTACCCCACTC
 ACCCTGGAGATCTCTCCGGACAACCTCCCTGCGGAGAGTGGCCGAGGGCAGTAGTGAAGGGGCCACAGCTA
 ACATGGAAGCTTACAGGCCATCCCCAAGAATCTGCTTGCCATCACTGAGGATCCCGAAGTAAGCACCCC
 AAATAACAACCTGGCGCAAAGAGCTGGACCCAGCCAGGCTTTGGAGATCAAAGAGCGCCGAGTTAGC
 GATGGCAGCAGGAGCCCCACCGCCAGCCCCAAGCTGGGCAGCGCCTACCTGCCGTCATACCATCACTCCC
 CATAAAAACACGCGCACATCCCAGCTCACGCGCAACACTACCAGAGCTACATGCACCTGATCCAGCAGAA
 GTCAGCAGTGGAGTACGCACAGAGCCAGATGAGCCTGGT GAGCATGTGCAAGGACTTGAAGCTTTCTAAC
 TCAGCAGAACCCAGGATGGAATGGAAAGTGAAGATCCCGAGTGTGGGACGCGCTACATACCAAGAGGC
 CGGTACGTGACCGGCTGCTGCGGGAGCGGGCGTGAAGATCCCGAGGAGCGCAGTGGCCTGACCACCGA
 TGATGACGCCATGAGCGAGATGAAGATGGGGCGTTACTGGAGCAAGGAGGAGCGCAAGCAACATCTGGT
 AAGGCCAAAGAGCAGAGGCGGAGGCGGAGTTCATGATGCAGAGCAGGCTGGATTGTCTGAAGGAGCAGC
 AGGCTCCGACGACAGGAAGGAGATGAACATCCTGGAAGT GAGCCACAAAAGATGATGAAGAAGAGGAA
 CAAAAGATCTTTGACAATTGGATGACTATCCAAGAACTTTAACCCATGGCACAAAATCGCCAGATGGC
 ACTAGGGTATACAATTCTTCTGTCGGTGACTACTGTAA

ACGCGTACGCGCGGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** Sgfl-Mlul
- ACCN:** NM_001271251
- Insert Size:** 3192 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).
- OTI Annotation:** Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
- 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_001271251.1](#), [NP_001258180.1](#)

RefSeq Size: 4109 bp
RefSeq ORF: 3192 bp
Locus ID: 312607
Cytogenetics: 4q34