

Product datasheet for **RN211249**

Pdzd4 (NM_001135836) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Pdzd4 (NM_001135836) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Pdzd4
Synonyms:	RGD1561214
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF:

>RN211249 representing NM_001135836

Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGGGATGTAATATGTGCGTGGTCCAGAAACCGGAGGAGCAATACAAAGTGATGCTTCAGGTGAACGGGA
AGGAGCTCTCAAGCTGTCTCAGGAGCAAACCTAGAGGCCCTGCGTGCCCTCAAGGAGCCCTGGTGAT
CCAGGTGCTAAGACGCAGCCCCGCTCTGCGGGGGACAGCTCCTGCCATGACCTTCAGCTGGTGACAGT
GGCACTCAGACCGACATCACCTTCGAGCATATCATGGCGTGGGCAAGCTGCGCCCGCCACCCACCCA
TGGGCATCTTGGAGCCCCCCCCATCAGCCATGAGTATTATGACCCAGCGGAGTTCATGGAGGGCGGCC
GCAGGAGGCAGAGCGAATGGACGAGCTGGAGTACGAGGAGGTGGAGCTGTGTAAAAACAGCCACCAAGAC
AAGCTGGGCTGATGGTATGCTATCGCACAGATGATGAGGAGGACCTAGGCATCTACGTTGGAGAGGTAA
ATCCCAACAGCATTGCAGCCAAAGATGGCCGGATCCGTGAGGGAGACAGAATCATCCAGATTAATGGAAT
GGATGTCCAAACCGAGAAGAGGAGTACCCATCCTGAGCCAGGAGGAGAACCAACATCTCCCTGCTG
GTGGCCCGGCCTGAGAGCCAGCTAGCAAAGCGGTGAAAAGACAGTGACAGAGATGACTTCCTAGATGACT
TTGGATCTGAGAATGAAGGGGACCTTCGTACCCGGAAGCTAAAGTCCCCCCTGTCCAGCAGACTGGAAA
TGATGAGAAGGGGGCTCCTGATGGGGGCCCTGGCTTGAGCAACAGCCAGGACCTGGACAGCGGGTATGGC
CGGACAGATGAGAGTACCCGCAACGAAGAGAGCTCTGAACATGACCTGCTCGGGGATGAACCTCCCAGCA
CCACCAACACCCCTGGAAGCCTGCGCAAGTTCGGTCTACAAGGGGATGCCCTACAGAGCAGGGACTTCCA
CTTCAGCATGGATTCTCTGCTAGCTGAGGGGCGAGGGCTGGGAGGGGCTGACCTGCCTGGGCTACTGAT
GAGGAGTATGAACGCTACCGGGAGCTGCTAGAGATCAAGTGCCACCTGAAAAATGGCAACCAGCTGGGTA
TCCTCTTCTCCCGGGCCTCCAGTGGCAACAGTGCCTAGATGTCAACCGCAATGAGAGCCTAGGCCATGA
GATGGCCATGCTAGAGGAAGAGCTTCGGCACCTAGAGTTCAAGTGTGCAATATCTTGGGGCACAGAAG
ATGCAGCAGTTGCGGGAGCGCTGTATGAAGGCCTGGCTGCTGGAGGAAGAGAGTCTCTATGACCTGGCAG
CCAGTGAGCCAAAAAGCATGAGCTGTCTGATATCTCTGAACGCCAGAGAAATCAGACAAGGATAGTAC
CAGCGCTACAACACTGGGGAGAGCTGCCGAGCACTCCACTGCTTGAGAGCCTCTGCCTGAGAGCCCC
CTGAAGCGATCTGCTGCTGGCAATTCCAATTGAACCGGACCCCTTCTGGCCCTCCTGTACACCCACC
TCAAGGCTGCTCCTTACCAGGGAGCCAGCCAAGTTCGATCACTTTCTCGGGATCCTGAAGTGGGTCG
TAGACAACACACAGAAGAGCGTGTCCGCCGAGCACCAAGACAAGTGTTACTCTGGAGCGTGTGGGCCCT
GAAGGTAGCCCTTACCTCTCTAGGCGCCATCGTGGCCAGGAGATCGAGCAGTACCACAGCTGTGTGCACT
TGGCCCCGCCACGTACCTGGAGGATCTGAGCCATGGCTCCTTGAGCTTGCTAGTGTTCTCGGGTGGG
CGGGGTGGTGGCTGCAGCTGTTGAAGCACCCCGCATGGAGTGGAAGTGGAAGTGCGAAGTGATGGGACC
CGCTATGTGGCCAAGCGGCTGTACGAGATCGGCTGCTGAAGGCCAGAGCCCTGAAGATCCGAGAGGAGC
GCAGTGGTATGACCACTGATGATGATGCAGTAAGTGAGATGAAGATGGGCCGCTACTGGAGCAAAGAAGA
GAGGAAGCAACACCTGATTTCGAGCACGGGAACAAAGGAAGCGTCGTGAATTCATGATGCAAGCCGCTCTG
GAGTGTCTAAGGGAGCAGCAGAACGGTGACAGCAAACCTGAGCTCAACATTATTGCGCTGAGCCACCGTA
AGACCATGAAGAAGCGAAACAAGAAGATTCTGGACAACCTGGATCACCATCCAGGAGATGCTGGCCCATGG
TGCCCGCTCAGCTGATGGGAAAAGGATCTACAACCTCTGCTCTGTCAACCACTGTCTGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:

SgfI-MluI

ACCN:

NM_001135836

Insert Size:

2301 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:	<u>NM_001135836.1, NP_001129308.1</u>
RefSeq Size:	3352 bp
RefSeq ORF:	2301 bp
Locus ID:	293856
Cytogenetics:	Xq37