

Product datasheet for **MC228594**

Pdzd4 (NM_001290540) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Pdzd4 (NM_001290540) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Pdzd4
Synonyms:	B230341P03; D130075J17Rik; Kiaa1444-hp; LU1; Pdzk4; PDZRN4L; Pdznk4l; Xlu
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >MC228594 representing NM_001290540
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGC**C

ATGGGATGTAATATGTGTGTGGTCCAGAAACCGGAGGAGCAGTACAAAGTGATGCTTCAGGAGGTGGAGC
 TGTGTAACAAACAGCCACCAAGACAAGCTGGGCCTGATGGTGTGCTATCGCACAGATGAGGAGGAGGACCT
 AGGCATCTACGTTGGAGAGGTAAATCCCAACAGCATTGCAGCCAAAGATGGCCGGATCCGTGAGGGAGAGC
 AGAATCATCCAGATTAATGGAATGGATGTCCAAAATCGAGAGGAGGCAGTGGCCATCCTGAGCCAGGAGG
 AGAACATAACATCTCCCTGCTGGTGGCCCGACCTGAGAGCCAGCTAGCAAAGCGGTGGAAGACAGTGA
 CAGAGATGACTTCTAGATGACTTTGGATCTGAGAATGAAGGGGACCTTCGTGCTAGGAAGCTAAAGTCA
 CCTCTGTCCAGCAGATTGAAATGATGAGAAGGGGGCTCCTGATGGGGGCCAGGCTTAAACAACAGCC
 AGGACCTGGACAGCGGGTGGTGGGACTGATGAGAGTACCCGCAATGAAGAGAGCTCTGAACATGACCT
 GCTGGGGGATGAACCTCCAGCACCACCAACACTCCTGGAAGCCTACGCAATTTGGTCTACAAGGGGAT
 GCCCTACAGAGCAGGGACTTCCACTTCAGCATGGATTCTCTGTTAGCTGAGGGGGCAGGGCTGGGAGGGG
 CTGACCTACCTGGGCTCACTGATGAGGAGTATGAACGCTACCGGGAGCTGCTGGAGATCAAGTGCCACCT
 GGAAAAATGGCAACCAGCTGGGCATCTTCTTCTCCCGGGCCTCCAGTGGCAACAGTGCCCTAGATGTCAAC
 CGCAATGAGAGCCTAGGCCATGAGATGGCCATGCTGGAGGAAGAGCTTCGGCACCTAGAGTTCAAGTGCC
 GCAATATCTTGCGGGCACAGAAGATGCAGCAGTTGCGGGAGCGCTGTATGAAGGCCTGGCTGCTGGAGGA
 GGAAAGTCTCTATGACCTGGCAGCCAGTGAGCCAAAAAGCATGAGCTGTCTGATATCTCTGAAGTGCCA
 GAGAAATCAGACAAAGATAGCACCAGCGCTTACAACACGGGGGAGAGCTGCCGAGCACTCCACTTCTTG
 TGGAGCCTCTGCCTGAGAGCCCGCTGAAGCGATCTGGTGTGCAATTCCAATTGAATCGGACCCCTTC
 TGGCCCTCCTGTCAACACCCACCTCAAGGGGGCTCCTTACCAGGGAGGCCAGCTAAGTTCCGATCACTC
 TCTCGGGATCCTGAAGTGGGCCGGAGACAGCACAGAAGAGCGTGTCCGCCGGAGCACCAGACAAGTG
 TTAATCTGGAGCGTGTGGGCCCTGAAGGCAGCCCTTACCTCTCCAGGCGCCATCGTGGCCAGGAGATTGA
 GCAGTACCACAGCTGTGTGAGTTGGCCCCGCCACGCACCCTGGAGGATCTGGGCCATGGCTCCTTGAGC
 TTGGCTAGTGGTCTCGGGTGGGTGGGTGGCAGCTGCAGCTGTCGAAGCACCCTCGCATGGAGTGAAGG
 TGAAGGTGCGAAGTATGGAACCCGCTATGTGGCCAAGCGACCTGTGCGAGATCGGCTGCTGAAGGCCAG
 GGCCCTGAAGATCCGAGAGGAACGAGTGGTATGACCACTGATGATGATGAGTGAAGATG
 GGCCGCTACTGGAGCAAGGAAGAGAGGAAGCAACCTGATCCGAGCAGGGAGCAACGGAAGCGCGCTG
 AGTTCATGATGCAGAGCCGTCTGGAGTGTCTAAGGGAGCAGCAGAATGGTGACAGCAACCTGAGCTCAA
 CATCATTCGCTGAGCCACCGTAAAACCATGAAGAAGCGAAACAAGAAGATTCTGGACAACCTGGATCACC
 ATCCAGGAGATGTTGGCTCATGGTGCCCGCTCAGCTGATGGAAAAAGGATCTACAACCTCTGCTCTCTG
 TCACCACTGTC**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_001290540

Insert Size: 1974 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.
Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	<u>NM_001290540.1</u> , <u>NP_001277469.1</u>
RefSeq Size:	3646 bp
RefSeq ORF:	1974 bp
Locus ID:	245469
UniProt ID:	<u>Q9QY39</u>
Cytogenetics:	X A7.3