

Product datasheet for **MC221531**

Pdzrn4 (NM_001164594) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Pdzrn4 (NM_001164594) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Pdzrn4
Synonyms:	1110017D07Rik; LNX4; mKIAA3027; SAMCAP3L
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >MC221531 representing NM_001164594
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGGCTGCAACTTGTGCACTTTTCAGAAAAGAGAGGAACATTACAAACTGCTCTACGAAGTTCCAGG
 TCAATGGCAGGGATCTCTCAAAGGCCACTCATGAAGAGGCAGTGAAGCTTTTCGAACTGCCAAGGAGCC
 CATAGTGGTACAGGTGTTAAGGCGGACTCCCCTCAGCCGCAACATACGGCATGACTCCGGAAGTACAG
 CTCACGAATGCCAGCACAGACGGACATCACTTTTGAACACATCATGGCCCTGGCGAAGCTTCGGCCAC
 TCACCCCTCCGGTGCCTGACACCTGTCCATTTTGTCTTCAGACAGCTGCCACTCCCTTCATCCGATGGA
 GCATGGTTTTATGAAGACCATGAGTACGTCTCCAGCTTGCCCGTGTGCAGACAGAGCAGATGACTTT
 GAATATGAGGAGTGCAGCTGTGTCGTGTAGCAGTCAAGAGAAGCTGGGCTGACAGTCTGCTACCGAA
 CCGATGATGAAGAAGACACGGGCATTTATGTCAGCGAGGTTGACCCAAATAGCATTGCTGCCAAGGATGG
 CCGGATTCGAGAAGGGGATCGTATTTTACAAATAAATGGGAAGACATCCAAAACCGGGAAGAGGCCGTG
 GCTCTGCTCTCCAGCGATGAGTGTAAAGAGAATCGTGTCTCATCGCCAGGCCCGACATGCAGCTGGATG
 AAGGCTGGCTGGAAGATGAAAGGAACGAATTTCTAGAGGAGTTAAACTCAGAGCTGCTGGAGGAAGACCA
 TAATGAAGGAGCACAGCGCACAGCCTCTGAGCTGCAGCAGCCAAAAAACAGGAGGAAGAAGAAGGCACA
 ACAGACACGGCCACCTCTTCCAACAACCAGGAGAAGGACAGTGGCGTGGGGCGCACGGATGAGAGCT
 TGCGGAATGATGAGAGCTCAGAGCAGGAGAACGCAGTGGAGGAGCCCCACAGCACCACCTGAAGAGCAA
 GAGAGAGCTGGGAAGAGCCAAGACACGCTAGGGAGCCTTGAGCATCAATGCAGTGAAGTTGTGCTGGG
 GGTGAGTGTAGACTCCGACTGTGCCAGCAACCAGGAGGTGTGTGAAGGCTTCCAGCAGCTGTTGGAGC
 TTAAGATTGGAACCACGGAGATTACGACTGTACTACTCAAGCAGTACCATCGATGCAATCGAGGGGA
 ACAGGATGGGGTGGAGCACGAGCTGCAGCTGCTTAACGAGGAGCTGCGAAACATTGAGCTAGAGTGCCAG
 AACATCATGCAGGCCACAGGCTCCAGAAAAGTACGAGCAACATACGGAGACATCTGGGCATTGCATGATG
 GGGGATTCGAAATTACAACACCAGCCTGGATGTGCAACGGGGGAAACTGGATGACATCATGGAACACCC
 AGAAAAGTCAAGACAGGACAGCTCGAGTGCCTACAATACGGCAGAGAGCTGCAGAAGCACTCCGCTGACT
 GTAGACAGGTCGCCGACAGTTCCTTCCAAGAATGATCAACCTCACCAATAAGAAAAATCTGAGAAGCA
 TGATGACAGCCCATCAGTCCCCTCCAGACAGAGCACCAGGGAATACACATCTACCAAAGTCAAAGCCAC
 CGATGAAGGTTGCAGCGTCGAAAGCCTGGAGAAGGCTAGAAAAGCAGCCAGCTTCTGGACCAGGAGCAC
 ACAGTCAGTGAGCATCCTCCATACCTCTCTCTTATCACAGCTCCTCTACAGATATGCCAACATTCGGG
 CGCATGCCCGCATTATCAAAGCTACATGCAAGTAAATCAACAGAAATCGGCTGTGGAGTATGCCAGAG
 TCAGCTCAGCTTGGTGAAGCATGTGCAAGGAATCAAAAAGGGGCTCGGAGCCCAAGATGGAATGGAAGGTA
 AAAATTAGGAGTGTGGGACCCGGTACATCACCAAGAGGCCAGTGAAGACCCGACTTCTGAAGGAACGTG
 CCTTAAAGATCAAGGAGGAGCGGAGTGGCATGACCACAGACGACGACACCATGAGTGAGATGAAAATGGG
 GCGCTACTGGAGCAAGGAGGAGAAAAGCAACCTGGTCCGGGCCAAGGAGCAAAGGCGGCGCCGGGAG
 TTCATGATGCGGAGTCCGCTGGAGAGCCTCAAAGAGAGCCACAGAGCAGCGGCAAGGCAAGAAGGAGC
 TGAGCATCATCGAACTGAGCCACAAAAAGATGATGAAAAAAGAAACAAGAAAATTTTGGATAACTGGAT
 GACAATCCAAGAACTGATGACTCATGGGCCAAATCCCCAGATGGCACTAGGGTCCATAATGCCTTTCTG
 TCGGTGACCACCGT**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-Mlul
ACCN: NM_001164594
Insert Size: 2328 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:	<ol style="list-style-type: none">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_001164594.1</u> , <u>NP_001158066.1</u>
RefSeq Size:	3393 bp
RefSeq ORF:	2328 bp
Locus ID:	239618
Cytogenetics:	15 E3