

## Product datasheet for **MC223221**

### **Pdzrn4 (NM\_001164593) Mouse Untagged Clone**

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Pdzrn4 (NM\_001164593) Mouse Untagged Clone  
**Tag:** Tag Free  
**Symbol:** Pdzrn4  
**Synonyms:** 1110017D07Rik; LNX4; mKIAA3027; SAMCAP3L  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**Cell Selection:** Neomycin  
**Fully Sequenced ORF:** >MC223221 representing NM\_001164593  
**Red=Cloning site Blue=ORF Orange=Stop codon**

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGGATCGCC**

ATGGGCTTCGCTTTGGAGCGTCTCGCGGAAGCCGTGGACCCCGCTTCCAGTGCCAGCTACTGTGTGGCC  
AGGTACTGGAGGAGCCCGCTGCACGCCTTGCGGGCACGTCTTCTGCGCCAGCTGCCTGCTGCCCTGGC  
GGCGGGGAGACGCTGGTCCCGCTGCAGTGCCAGCCGCTGGCGCCGGGCGAGCTGTACCGGTGCTGCCG  
CTGCGCAGCCTGGTCCAGCAACTGCGCGTGCAGTGCAACTACAGCGGACAGGGCTGTGGCCACAGGGGCG  
ACTGCGGGTGTGGCAGTGCACATCCAGCGCTGCGCCTTCGGCCCTGCCAGCGGCTGTGACAGCCACTGC  
CCAGGCGGCTGCGGAGGCGGGGAGGAAAAGCACCCGGCGACCAAGACCTGTGGAGTGGGGACGCGCG  
GTGAGGGGCCACCCGGACCTGGAGGTGCGCCTCTGTTGTGCGCTGTGCGGGTGGGGAAGACGCGGC  
GGGCGCAGGTGAGCTTGTGAGCGCAGGTATCAGGAGAAGTTGGCTCTGTACATGGCGCACACGCGCAA  
CTTCGTCGGGAACCCGGGAGGCCGCGCCAGGATGGAGAGCAGAAGCCGTTCACTGTTGTGTTGAAAGA  
GAAGTACACTTTGGATTCAACATAATAGGAGGCCGCCATATCAGAATCCAGAAGCAATCAGCGC  
CTGAAGGAATTTATGTCTCAAAAATTTAGAAAACGGACCTGCAGACCGAGCAGATGGCCTGGAGTTCA  
TGACAAAATCATTGCGGTCAATGGCAGGGATCTCTCAAAGGCCACTCATGAAGAGGCAGTGGAAAGCTTTT  
CGAACTGCCAAGGAGCCCATAGTGGTACAGGTGTTAAGGCGGACTCCCCTCAGCCGGCCAACATACGGCA  
TGACTCCGGAAGTACAGCTCACGAATGCCAGCACAGACGGACATCACTTTTGAACACATCATGGCCCT  
GGCGAAGCTTCGGCCACTCACCCCTCCGGTGCCTGACACCTGTCCATTTTGTCTTCAGACAGCTGCCAC  
TCCCTTACCGATGGAGCATGGGTTTTATGAAGACCATGAGTACGTCTCCAGCTTGCCCGCTGATGCAG  
ACAGAGCAGATGACTTTGAATATGAGGAGTTCGAGCTGTGTCGTGTTAGCAGTCAAGAGAAGCTGGCCCT  
GACAGTCTGTACCGAACCGATGATGAAGAAGACACGGGCATTTATGTCAGCGAGGTTGACCCAAATAGC  
ATTGCTGCCAAGGATGGCCGGATTTCGAGAAGGGGATCGTATTTTACAAATAAATGGGGAAGACATCCAAA  
ACCGGGAAGAGGCGGTGCTCTGCTCTCCAGCGATGAGTGAAGAGAATCGTGCTGCTCATCGCCAGGCC  
CGACATGCAGCTGGATGAAGGCTGGCTGGAAGATGAAAGGAACGAATTCTTAGAGGAGTTAAACTCAGAG  
CTGCTGGAGGAAGACCATAATGAAGGAGCACAGCGCACAGCCTCTGAGCTGCAGCAGCAAAAAAACAGG



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AGGAAGAAGAAGGCACAACAGACACGGCCACCTCTTCCAACAACCAGGAGAAGGACAGTGGCGTGGG  
GCGCACGGATGAGAGCTTGC GAATGATGAGAGCTCAGAGCAGGAGAACGCAGTGGAGGACCCACAGC  
ACCACCCTGAAGAGCAAGAGAGAGCTGGGGAAGAGCCAAGACACGCTAGGGAGCCTTGAGCATCAATGCA  
GTGAGAGTTGTGCTGGGGTGAGTGCTTAGACTCCGACTGTGCCAGCAACCAGGAGGTGTGTGAAGGCTT  
CCAGCAGCTGTTGAGCTTAAGATTCGAAACCAGGAGATTACGACCTGTACTACTCAAGCAGTACCATC  
GAGTGAATCGAGGGGAACAGGATGGGGTGGAGCAGAGCTGCAGCTGCTTAACGAGGAGCTGCCAAACA  
TTGAGCTAGAGTGCCAGAACATCATGCAGGCCACAGGCTCCAGAAAGTGACGGACCAATACGGAGACAT  
CTGGGCATTGCATGATGGGGGATTCCGAAATTACAACACCAGCCTGGATGTGCAACGGGGGAAACTGGAT  
GACATCATGGAACACCCAGAAAAGTCAGACAAGGACAGCTCGAGTGCGTACAATACGGCAGAGAGCTGCA  
GAAGCACTCCGCTGACTGTAGACAGGTCCCGGACAGTTCCTTCCAAGAATGATCAACCTCACCAATAA  
GAAAAATCTGAGAAGCATGATGACAGCCCATCAGTCCCTCCAGACAGAGCACCAGGGAATACACATCT  
ACCAAAGTCAAAGCCACCGATGAAGGTTGCAGCGTCGAAAGCCTGGAGAAGGGTCTAGAAAGCAGCCAGC  
TTCTGGACCAGGAGCACACAGTCAGTGAGCATCCTCCATACCTCTCTCTTATCACAGCTCCTCTACAG  
ATATGCCAACATTCCGGCGCATGCCCGCATTATCAAAGCTACATGCAGTTAATTCACAGAAATCGGCT  
GTGGAGTATGCCAGAGTCAGCTCAGCTTGGTGAGCATGTGCAAGGAATCACAAAGGGGCTCGGAGCCCA  
AGATGGAATGGAAGGTAAAAATTAGGAGTGATGGGACCCGGTACATCACCAAGAGGCCAGTGAGAGACCG  
ACTTCTGAAGGAACGTGCCTTAAAGATCAAGGAGGAGCGGAGTGGCATGACCACAGACGACGACACCATG  
AGTGAGATGAAAAATGGGGCGCTACTGGAGCAAGGAGGAGAGAAAGCAACACCTGGTCCGGGCCAAGGAGC  
AAAGGCGCGCCGGGAGTTCATGATGCGGAGTCGGCTGGAGAGCCTCAAAGAGAGCCACAGAGCAGCGG  
CGAAGGCAAGAAGGAGCTGAGCATCATCGAACTGAGCCACAAAAAGATGATGAAAAAAGAAACAAGAAA  
ATTTTGGATAACTGGATGACAATCCAAGAACTGATGACTCATGGGGCCAAATCCCAGATGGCACTAGGG  
TCCATAATGCCTTCTGTGCGTGACCACCGTATGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

<b>Restriction Sites:</b>	SgfI-MluI
<b>ACCN:</b>	NM_001164593
<b>Insert Size:</b>	3045 bp
<b>OTI Disclaimer:</b>	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).
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<u>NM_001164593.1, NP_001158065.1</u>
<b>RefSeq Size:</b>	3956 bp
<b>RefSeq ORF:</b>	3045 bp

Locus ID: 239618

Cytogenetics: 15 E3