

## Product datasheet for **RN208020**

### **Pdzk1 (NM\_031712) Rat Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Pdzk1 (NM_031712) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Pdzk1
Synonyms:	Clamp
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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**Fully Sequenced ORF:** >RN208020 representing NM\_031712  
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**GCGATCGCC**

ATGGCCTCCACCTTCAACCCAGAGAGTGTAAATTGTCCAAAAAGAGGGGCAGAACTATGGCTTCTTCC  
TCCGCATTGAAAAGGACACTGACGGTCACTGGTCCGGGTGATTGAGGAGGGGAGCCCGCAGAGAAGGC  
AGGGCTCTAGACGGCGACAGAGTGCTCAGGATCAACGGGGTCTTTGTTGACAAGGAAGACATGCACAG  
GTGGTGGATCTGGTCAGAAAGAGCGGGAATTCAGTGACCTGCTGGTTCTGGATGGAGACTCCTATGAGA  
AGGCTGTAAAACATCAGGTGGACTTGAAGAAGTGGATCAAAGCCCAAGGGAGCCAGCTCTGAATGAAAA  
GAAACCCGACCTTGGGATGAATGGAGGGGTGGAGACGTGTGCCACGCCACGGCTCTGCTACCTGGTGAAG  
GAGGGCAACAGCTTTGGCTTCTCTGAAAATCAAGGTAAAAGGGCGTGTCTGACTGATATAA  
CACCTCAGGGCGTGGCCATGAAAGCTGGTGTCTGGCTGATGATCACTTGATTGAAGTGAATGGAGAAAA  
TGTAGAAAACGCCAGTCATGAGGAAGTGGTGGAAAAGGTGACAAAGTCAAGGAGCCGATCATGTTCCCTC  
CTTGTGGACAAAGAACTGCCAGGTGCCATAGTGAGCAGAAAACACCGTTCAAGAGGGAGACAGCCAGTT  
TGAAACTGCTGCCCCACAGCCCCGGTAGTAGTGATCAAGAAGGGCAGCAATGGCTACGGTTTCTATCT  
GAGGGCGGGCCCTGAACAGAAAGGTCAAATCATCAAGGACATAGAACCTGGAAGCCAGCAGAGGCAGCT  
GGCTTGAAGAACAATGACTTGGTAGTTGCTGTCAATGGCAGTCTGTGGAAGCTCTTGATCATGACAGTG  
TGGTGGAAATGATTAGAAACGGTGGAGACCAGACTACTCTGTTGGTGTGGACAAGGAGGCAGACAGAAT  
CTATAGCCTGGCTCGTTTCTCTCCACTTCTCTACTGCCAAAGTCAAGAACTGCCTAATGGTTCTGTGAAG  
GAAGCCCCAGCTCCCATCTCTGCTCCTCTGGAGGCCAGGCTCAGCTACCACAGAGGACGTGGGGGATC  
ATAAACCAAGCTCTGCAGGCTGATTAAGAGGACGACAGCTACGGCTTTCACCTGAACGCCATTGGGG  
CCAGCCAGGCTCCTTTGTCAAGGAGGTACAGCAGGGTGGCCCTGCTGACAAGGCAGGGCTGGAGAATGAG  
GACATCATCATTGAAGTGAATGGGGAGAATGTGCAAGATGAACCCATGACAGAGTGGTGGAGAGATCA  
AGAGCAGCGGGGAGCACGTCACTCTGTTGGTCTGTGGAAGGTGGCTACAGCTATTTTCAAGCTAAGAA  
AATCCCCATCCTTTCTTCTGGCTGACCCCTGGTGGCTGGTCTGATGAAAAAGGAGAGACTGAGCAT  
GACTCAGCAGAGTCCACGAAAGACTCCTCCACCCAGCAAGAGACCGAACTCTCAGCGCAGCCTCCCACT  
CTTCTTCAACTCTGAAGACACGGTATG**TGA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** Sgfl-Mlul

**ACCN:** NM\_031712

**Insert Size:** 1572 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:** [NM\\_031712.1](#), [NP\\_113900.1](#)

**RefSeq Size:** 2005 bp

**RefSeq ORF:** 1572 bp

**Locus ID:** 65144

**UniProt ID:** [Q9JJ40](#)

**Cytogenetics:** 2q34

**Gene Summary:** binds the N-terminal PDZ domain of scavenger receptor class B type I; may play a role in intracellular transport of cholesterol esters [RGD, Feb 2006]