

## Product datasheet for **RN215425**

### **Prc1 (NM\_001107529) Rat Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Prc1 (NM_001107529) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Prc1
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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**Fully Sequenced ORF:** >RN215425 representing NM\_001107529  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGAGGAGAAGTGAAGTCTAGCAGACGAGTCCATCGTATGCCTCCAGAAAGCTCTAACTCACCTTCGGG  
 AAATATGGGGTTAATTGGGATTCCTGAGGAGCAGAGACTACAAAGAACCGAGGTTGTAAGAAGCATAT  
 AAAGGATCTTCTGGATAAAATGATTGCTGAGGAGGAGAACCTGCGGAAAAGGCTTCTCAAGAGCATATCC  
 ATCTGTGCGAAGGAGCTGAGCACCTGTGCAGCGAGCTACAAGTCAAGCCATTTGAGGAAGATAAAGAAA  
 TAACTGTCTTGAATTAGAAAAAGATTTGCGCACTCAAGTAGAATTGATGAGAAAACAGAAAAAGGAGAG  
 AAAGCAGGAACCTAAGCTACTTCAAGAACAAGATCAAGAGCTCCGTGAAATTCGTGTATGCCTCCCTGT  
 GATGTAGACAGCACCTCTGTCCCACCTTAGAAGAGCTGAATCTATTCCGACAACGTGTGGCACTTTGA  
 GGGAAACAAAGGAATCGAGGCATGAACAATTTGTCAACATTAAGAGACAAATCATATTGTGTATGGAAGA  
 ATTAGAGCACACTCCGGATACAAGCTTTGAAAGAGACGTAGTGTGTGAGGATGAGAGTGCCTTTTGTTTA  
 TCACTGGAGAATATTGCAACATTACAGAAGCTGCTAAAGCAGCTGGAAGTGAAAAAGTCACAAAATGAAG  
 CAGAATGTGAGGGCTCCGTGCTCAAATCCGAGAGCTCTGGGATAGGCTACAGATACCTGAAGAGGAGAG  
 AGAACCTGTGGCTGCAATTATGACTGGGTCAAAAACAAAATCAGGAATGCGTTGAAATAGAAAGTGGAT  
 CGGTTAGAAGAACTGAAAATGCAAAACATAAAGCAAGTATTGAGACAATTCGAGTGGAGCTGGCTCAGT  
 TCTGGGACCAGTGCTTTTATAGCCAGGAACAGAGGCAGGCTTTTGCCCTTACTATTCTGAGGACTACAC  
 AGAAAACCTGCTCCATCTTCATGATGTTGAGGTTATACGGTTAAGAACTATTATGAAGCTCACAAGGAA  
 CTGTTTGAAGGAGTCCAGAAATGGGAAGAGAGCTGGAACTTTTCTAGAGTTTGAAGAAAAGCTCCAGAA  
 ATCCAAGTCGGTTTACAAACCGAGGGGAAATCTTTTAAAAGAAGAAAAGGAACGAAAGCTCCAGAA  
 AACACTCCCTAAGCTGGAAGAGGAGTTGAAGGCACGGATTGAACACTGGGAACAAGAGAAGCTCAACAGCA  
 TTTGTGGTGAACGGGCAGAAATTCATGGAGTATGTTACAGAGCAGTGGGAGTTACATCGGTTGGAGAAAG  
 AGCGAGCCAAACAGGAGAGGCAACTAAAGAACAAGAGACAGACAGAGACAGAGATGCTGTACGGCAGTGC  
 TCCCCGGACACTAGCAAAAGACCAGGACAGACTCCCAACAAGTGTGGCAAAGTACGCAAGATGAACACT  
 ACCACCATGTCTACTGCTACACCAATAGTAGCATTGCGCCTGTCTTTGGTGGATCAGTGTACCGTTTAC  
 CTATGTCTCGACTACCCCTTCTGGCAGCAAGTCAAGTCACTTCTCTATGTTCTGAAAGAAAACACC  
 TAGAGTGCCTCGCTTAGGGCCAACAAGGAGAAGTGGACCTCAATGGCAGCATCTGAGCGGTGGGTAC  
 TCTGGCTCGACGCCCTCCAGCGCAACTGCAGCATTAAAGTCTGTTGCCAGCACCTATTCTGAGTTTTCGC  
 GAGAACTGTCAAAGGCTCCAGATCTGATGCTACTTCTCGAATCTCAATCCACCAACATCCAGTCTGT  
 A

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM\_001107529
- Insert Size:** 1821 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\\_001107529.1](#), [NP\\_001100999.1](#)

**RefSeq Size:** 2928 bp

**RefSeq ORF:** 1821 bp

**Locus ID:** 308761

**Cytogenetics:** 1q31