

## Product datasheet for **RN212254**

### **Cd180 (NM\_001106405) Rat Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Cd180 (NM_001106405) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Cd180
Synonyms:	Ly78
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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**Fully Sequenced ORF:** >RN212254 representing NM\_001106405  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGGCTCTGGACATCAGCTGCTTCTTTAGTGGCTCTCTCTCAGCCAGCTGCCAAGCCATCGGATCCT  
 CAGATCAGAGGTGCACTGAGAAAGAAGTCAACAAACATACAACGTGAACATTTAGGTCTCAGTGAAT  
 TCTGGCACTCTACCAAACCTCAACAGAATCTTTGGAGTTCAGCTTTAATGCCTTGCCATCAGATCAAAG  
 ACGACTTTCAGCAGACTCGTAAATCTCACCTTCTGGATTTAACCAGGTGCCAGATTTACTGGATACATG  
 AAGATACTTCCAAAGCCAACATCGGTTAGAGACACTTGTGCTAACTGCAAAATCCCCTGATTTTATGGC  
 AGAGACAGCACTTACTGGCCTAAGGCACTGAAGCATCTGTTCTTCATCCAAACAGGAATATCCAGTATT  
 GAGTTTATCCCAGTGCATAGTCAAAAAGCCTTGGAAAGCCTCTATCTTGAAGCAACCATATTTCTCCA  
 TTAGACTCCCAAAGATTTCCAAACAGAGAAGCTGAAGGTCTGGATTTTCAGAATAATGCTATCCATCA  
 CCTGTGCAAAAGAAGACGTGAGCTCTCTACAGCAAGCCACTAATCTGAGCCTGAACCTAAATGAAACGAC  
 ATTACAGGAATAGAGCCCGGGCTTCAAGTCAACTGTCTTCAAAGTTTGAACCTCGGAGGGACTCAA  
 GCTTGCTTGTATCTTCAAGGTCTGCAGAACTCTACTATCCAGTCTCTCTGGCTGGGGACATTTGAGGA  
 CATTGATGACGACGAAGATATTAGTTCTTCCATGTTTGGAGGCCCTCTGTGAAATGTCTGTTGAGAGAATC  
 AACCTACAGAAGCATCACTTCTCAACATCACTTCCAACACATTTACTGCTTCAGCGGTCTCCAGGAGC  
 TGGACCTAACAGCCACCCACCTGACAGAATTACCGTCTGGGATTGTGGGACTAAGCAAGCTCAAGAAATT  
 AGTTCTTAGTGCAAAATAAGTTTGGAGAATTTGTGCCAAATCAGTGTCTTCAATTTCCCTCCCTTACACAC  
 CTTTACATCAAAGGCAACACAAAGAGACTTGAACCTGGTTCGGGCTGTTAGAAACCCTAGAACACCTTC  
 GTGAGCTTGACCTAAGCCATGATGACATTGAAACTTCTGATTGCTGCAACCTGCAACTCAGAAACCTGTC  
 TCACCTACAGAGCCTGAACCTGAGCTACAATGAACCCCTGGGCCCTCAGGACTGAGGCCTTCAAAGAATGT  
 CCTCAGCTAGAAGTCTAGACTTGGCATTACCCGACTCCATGTTAAAGATGCACAAAGTCTTTCCAGA  
 ACCTCCATCTCTTGAAGGTGCTAAATCTCTCCACTGCCTCCTTGGCTCCAGCAATCAGCATCTCCTTGA  
 TGGCCTGCCAGCACTCCGGCATCTGAATTTACAGGGAAATCGCTTCCAAATGGGAATATCCAAAAGACC  
 AACCCACTTCAAGCACTGGGAAGCCTAGAAATCCTGATTTTATCGTTTTGTGATCTCTCCTCCATTGACC  
 ATCAAGCCTTCAATCTGAAGATAATGAATCATGTAGACCTTAGTCACAACAGGCTGACATCCAGTAG  
 TATTGAGGCCCTTAGTCATCTTAAGGGGATCTACCTCAATCTAGCTTCCAATCGCATTAGCATCATCCCG  
 CCCAGTCTCCTCCCGTGTGTCCAGCAGAGGACCATTAAATTAAGACAAAATCCCCTTGACTGCACTT  
 GCTCAAACATTTACTTTTAGAATGGTACAAGAAAACATGCAAAAACCTGAAGACATAGAGGACACTTT  
 TTGCGCAAATCCCCATTGTTGAGGGGAGTCAAGGTCTCTGACGTGATGCTGCTGTAGTATGGCAGCT  
 GTAGGCATTTTCTTCTCATTGTATTCTTGCTCTGTTTGTGTTGTTGATTTTTGCAGTGAAACGTT  
 TTCTCAGGTGAAATACCAACACATT**AG**

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAAGTTTAA

- Restriction Sites:** Sgfl-MluI
- ACCN:** NM\_001106405
- Insert Size:** 1989 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\\_001106405.1](#), [NP\\_001099875.1](#)

**RefSeq Size:** 2566 bp

**RefSeq ORF:** 1989 bp

**Locus ID:** 294706

**Cytogenetics:** 2q12