

## Product datasheet for **RN212457**

### **Plxdc2 (NM\_001108422) Rat Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Plxdc2 (NM_001108422) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Plxdc2
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



[View online »](#)

**Fully Sequenced ORF:** >RN212457 representing NM\_001108422  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGCATCGCC**

ATGGCGAGGTTCCCGAGGGCCACCTGGCGGCAGCAGGAGTTATGTTACTTTGTCACTTTTTAACAGACC  
 GGTTCCAGTTCGCCACGGGGAGCCTGGACACCATATGAATGACTGGAAGTATGTAGTTGCAAAACCTC  
 GCCTCAGAGTGAAGAGGGGTGGAAGTGGACTCTCAAGCATACAGCCACCGGTGGAAGAAACGTGGAC  
 CCTTTAAAGCTGTAGACACAAACCGAGCCAGCATGGGCCAAGACTCTCCGGAGTCCAGAGGCTTCCCG  
 ACCTGCTACTGGATGACGGGCAGGACAACACCACCCAGATCGAGGAGGACACAGATCACAATTACTACAT  
 TTCTCGGATATATGGCCAGCGGATTCTGCCAGCCGGATCTGTGGTGAACATAGACCAATGGAAAAG  
 GACAAAGTGAAGATTCACGGGACTTTCCAACACTCATCGCAAGCTGCAAGAGTGAATCTGTCCTTCG  
 ATTTTCCATTTTATGGTCATTTTCTAAATGAAGTCACTGTGGCAACTGGGGTTTCATATACACTGGAGA  
 AGTTGTGCATCGAATGCTGACAGCTACACAGTACATAGCCCTTAAATGGCAAATTTTGATCCCAGTGTA  
 TCAGAAAATCAACCGTCAGATACTTTGATAATGGCACAGCTCTTGTGTCCAGTGGGACCATGTCCACC  
 TGCAGGATAATTACAACCTGGGAAGCTTCAATCCAGGCCACACTCCTCATGGATGGGCGTATCATCTT  
 CGGATACAAAAGAAATTCGGTCTTGGTTACACAGATAAGTCCACCAACCATCCAGTCAAAGTCGGGTTG  
 TCTGATGCATTTGTCGTAGTCCACAGGATCCAGCAAATACCCAATGTTGGAAGAAGAAACATTTATGAAT  
 ATCACCGTGTAGAATAACAGATGTCAAAATACCAACATTTAGCTGTGGAGATGACCCCACTCCCAAC  
 ATGTCTCAAATCAATGGTTGTGGCCCTTGTGTCTCGCAGATTGGTTTCACTGCAGTTGGTGTAGC  
 AAATTTCAAAGATGCTCGAGTGGATTGATCGCCATCGGCAGGACTGGGTGGACAGTGGATGCCCTGAAG  
 AGGTACAGTCAAAGGAGAAGATGTGCGAGAACACAGAGCCAGGGGAGACATCTCAAACACTACGACCGC  
 ACAACAACCAACCGCAATTCAGGGTCTGACCACCACAGGAGACTGTGACGTGCGACATGCCTACC  
 AGCCTGCCTACAGAAGATGATACGAAGATAGCACTGCATCTCAAAGACAGCGGAGCCTCCACAGATGACA  
 GTGCCGCCGAAAAGAAAGGAGGAACCTCCATGCAGGCCTCATCGTTGGAATCCTCATCTTGGTCTCAT  
 TATCGCAGCAGCCATTCTGGTGACAGTTTACATGTATCACCAACATCAGCAGCCAGCATCTTCTTC  
 ATTGAGAGACGCCAAGCAGATGGCCAGCAATGAAGTTTGAAGAGGATCGGGACATCCTGCCTATGCGG  
 AAGTTGAACAGTTGGAGAGAAAGGTTTTATTGTATCAGAGCAGTGC**TAA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** Sgfl-Mlul
- ACCN:** NM\_001108422
- Insert Size:** 1593 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\\_001108422.2](#), [NP\\_001101892.1](#)

**RefSeq Size:** 2760 bp

**RefSeq ORF:** 1593 bp

**Locus ID:** 361282

**Cytogenetics:** 17q12.3