

Product datasheet for **RN204564**

Plxdc1 (NM_001107046) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Plxdc1 (NM_001107046) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Plxdc1
Synonyms:	Arl12; Tem7
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >RN204564 representing NM_001107046
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGCGGGCTCAGCTCTGGTTGCTGCAGCTGCTGCTACTCTGCGGGACCGCGCGCGCTCAGTCCCACAA
 CACCCGCAGGTCACGATGAAAGGCAAGGCTCTGCATGGACTGCCAAGAGGACCAGGCAAGGCTGGAATCG
 GAGGGTCCGAGAGAGCCCTGGGAGGTGTTAAAGCCAGGCAAGACCCAGCTGAGCCAGGACCTGGGTGGA
 GACTCCCTGGCCATTGACACACTCCGGACAACAGGACTAGGGTGGTGGAGGACAACCATAACTACTATG
 TTTCCCGTGTCTATGGCCCTGGTGGAGCAACGAACAAGAGATCTGTGGGTAGACCTGAGTGTAGCCAAACC
 GAACCAGTGAAGGTCCACAGGATCCTCTCAAGTTCTCACCGACAGGCTTCGAGAGTGGTCTTGCCTTT
 GATTTCCCTTTCTATGGGCATCCTTTGCGGCAGATCACCATAGCAACCGGAGGCTTCATCTTCATGGGG
 ACGTCTCCACCGGATGCTCACAGCTACTAGTATGTGGCACCCCTGATGGCCAACCTCAACCCCGGCTA
 CTCAGACAACCTCCACAGTCGCTTACTTTGATAATGGGACCGTGTGTGGTTTCAGTGGGACCACGTTTAC
 CTCCAGGGCCGGGAGGACAGGGGTAGCTTACCTTCCAGGCAGCCCTTCCACCAAGATGGCCGCATTGTCT
 TTGGCTACAAAGAGATCCCCATGGCTGTCTGGACATCAGCTCTGCCAGCACCTGTCAAAGCAGGCCT
 GTCTGATGCTTTTCATGATTCTCAATTCATCGCCAGAGGTGCCAGAGTCTCGGAGACGGACTATCTTCGAA
 TACCACCGTGTGGAAGTGGACTCCAGCAAGATCACCACCCTCGGCTGTGGAGTTCACCCATTGCCAA
 CCTGCCTCCAGCATCAGAGTTGCGATGCTTGCATGTCCTCGAACCTGACCTTCAACTGCAGCTGGTGCTA
 TGTCTGCAGAGATGTTCCAGTGGCTTTGACCGCTACCGCCAAGAATGGCTGACCTATGGCTGTGCCAG
 GAGGCAGAAGGCAAGACATGCGAGCACTTCCAAGATGAGGGCCACTACTCAGCCTCCCCTGACAGCTCCT
 TTAGCCCCTCTGATGGCGGCTCCACCACCTTCTCCTCCTTTCATCGACAGCCTCACCACAGAAGATGA
 ACCAAGTTGAATCCCTATGCAGAAGGAGACGGCCTTCCAGACAACCTGTCGCCAAAGACCAAGGGTCCG
 CCCGTGCACCTGGGCACCATCGTGGGCATCGTGTAGCTGTGCTCCTGGTAGCGGCCATCATCTGGCTG
 GGATTTACATCAGCGGCCACCCTAACTCCAATGCCGCACTCTTCTTATTGAGCGGCGACCTCACCAGT
 GCCAGCCATGAAGTTCCACAACCACCCCAACCACTCCACCTACACAGAGGTGGAGCCCTCGGGCCATGAG
 AAGGAGGGCTTCGTGGAGGCGGAGCAGTCTGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_001107046
- Insert Size:** 1503 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_001107046.1](#), [NP_001100516.1](#)

RefSeq Size: 2874 bp

RefSeq ORF: 1503 bp

Locus ID: 303505

Cytogenetics: 10q31