

Product datasheet for **MC217180**

Plxdc1 (NM_001163608) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Plxdc1 (NM_001163608) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Plxdc1
Synonyms:	2410003I07Rik; AI848450; Tem7
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

Fully Sequenced ORF: >MC217180 representing NM_001163608
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGCGAGCTCAGCTCTGTTGCTGCAGTTGCTGCTACTCCGCGGGCCGCGCGCGCTCAGTCCCACAA
 CACCCGCAGGTACAATGAAGGTCAAGACTCTGCATGGACTGCCAAGAGGACCAGGCAAGGCTGGAGTCG
 GAGACCCCGAGAGAGCCCGCGCAGGTGTTGAAGCCAGGCAAGACCCAGCTAAGCCAGGACTTGGGTGGG
 GGCTCCCTGGCCATCGACACACTTCCGGACAACAGGACTCGGGTGGTGGCTCTGTCTCTGTCCCGCAGG
 AGGACAACCATAACTACTACGTGTCCCCTGTCTACGGCCCTGGTGAACAAAGCCAGGATCTGTGGGT
 GGACCTGGCTGTGGCCAACCGGAGTCATGTGAAGATCCACAGGATCCTCTCCAGTTCTCACCGACAGGCT
 TCAAGAGTGGTCTTGCTTTGATTTCCCTTTCTATGGGCATCCTCTGCGGCAGATCACCATAGCAACCG
 GAGGCTTCATCTTCATGGGGACATGCTCCACCGGATGCTCACAGCTACGCAGTATGTGGCACCCCTGAT
 GGCCAACCTCAACCCCGCTACTCTGACAACCTCCACGGTTGCTTACTTTGACAATGGGACCGTTTTTGTG
 GTTCAGTGGGATCATGTTTACCTCCAGGACCGGGAGGACAGGGGAGCTTACCTTCCAGGCGGCCCTAC
 ACCGAGATGGCCGATTGTCTTCGGCTACAAGAGATCCCATGGCTGTCTGGATATCAGCTCTGCCCA
 GCACCCTGTCAAGGCAGGCTGTCCGACGCTTTCATGATTCTCAATTCATCCCCAGAGGTGCCAGCGTCT
 CAGAGACGGACCATTTTCGAATACCACCGTGTGGAAGTGGACTCCAGCAAGATCACCACCACCTCGGCCG
 TGGAGTTCACCCCGTTGCCAACCTGCCTCCAGCATCAGAGTTGCGACACCTGCGTGTCTCGAATCTAAC
 CTTCAACTGCAGCTGGTCCATGTCTCGCAGAGGTGTTCCAGTGGCTTTGACCGATACGCCAAGAATGG
 CTGACCTACGGCTGTGCCAGGAGGAGCAAGGCAAGACATGCGAGGACTCCAGGATGATAGCCACTACT
 CAGCCTCCCTGACAGCTCCTTCAGCCCTTTAATGGCGACTCCACTACCTCTTCTCCCTTTCATTGA
 CAGCCTCACACAGAAGATGACACCAAGTTGAATCCCTACGCAGAAGGAGACGGCCTTCCGGACCACTCA
 TCTCCGAAGTCCAAGGGTCTCCCGTGCACCTGGGCACCATCGTGGGTATCGTGTCTGCTGTACTCTGG
 TAGCGGCCATCATCTGGCTGGGATTTACATCAGTGGCCACCCTAATTCGAATGCTGCACTTTCTTCAT
 CGAGCGGAGACCTCACCCTGGCCAGCCATGAAGTTCCATAACCACCCCAACCCTCTACCTACCCGAG
 GTAGAGCCCTCCGGGCACGAGAAGGAAGGCTTCGTGGAGGCCGAGCAGTGTGA

ACGGTACGGCGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_001163608
- Insert Size:** 1524 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_001163608.1](#), [NP_001157080.1](#)

RefSeq Size: 2922 bp

RefSeq ORF: 1524 bp

Locus ID: 72324

UniProt ID: [Q91ZV7](#)

Cytogenetics: 11 D

Gene Summary: Plays a critical role in endothelial cell capillary morphogenesis.[UniProtKB/Swiss-Prot Function]

Transcript Variant: This variant (1) represents the longer transcript and encodes the longer isoform (1).