

Product datasheet for **RN212558**

Ptpdc1 (NM_001106104) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ptpdc1 (NM_001106104) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Ptpdc1
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN212558 representing NM_001106104
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGGCTGCAGGAGTCTTGCCGAGAATGAAAATCCGTATTCACGTTGGTGAATGACAGTGGGCATGCTG
 CATACTGGATGAAAATTCAGGCCGCCAACACCTAAATACACAAAAGTGGGAGAACGTTTGCGGCATGT
 CATCCCTGGACACATGGCGTGTCCATGGCGTGTGGGGGAGAGCGTGTAAAGTACGAGAACCAGCCCGC
 TGGAGTGAGCAGGAGCAGGCCATCAAAGGTGTTTACTCATCTGGGTCACTGACAATATCTGGCCATGG
 CTCGCCCATCTCTGAGCTGCTGGAGAAGTATCACATCATTGAGCAGTTCCTCAGTCATGGCATAAAAAAC
 AATAATCAACCTGCAGCGTCTGGGGAGCATGCCAGCTGTGGAACTCTCTGGAACAAGAAAAGTGGTTTC
 ACATACCTTCCAGAGGCATTTATGGAGGCGGCCATTTATTTCTACAACCTCGGGTGAAGGATTATGGCG
 TGGCCTCCCTCACTGCCATCTTAGACATGGTAAAGGTGATGACATTTGCCTTACAGGAAGGAAAAGTAGC
 TGTGCACTGCCACGCAGGCTCGGGCGCACAGGTGTGCTAATAGCATGTTACTTAGTTTTGCAACAAGG
 ATGACTGCTGACCAAGCAATTATATTCGTGCGGGCAAAACGCCCAATTCATTACAGACCAGAGGACAGT
 TGCTGTGTGTGCGGGAATTCACCTCAGTTTCTGGCTCCACTCCGTAATATTTTCTTGTGCGACCCCAA
 AGCACACGCTGTACCTTAGCACAGTACCTGATGCGCCAGCGTCACTGCTTTCATGGTTACGAGGCGCGC
 CTTCTGAAGTATGTGCCAAGATCGTCCACCTAGTCTGCAAGCTGCTGCTGGACGTGGCTGAGAACAGGC
 CAGTCGTGATGAAGAGCGTGTAGAAAGGACCCGAGCTCTCTGCCGAAATGAAAAGACGGTGTCTGAAAT
 GGTCAATGCAGCTAGATCAAGAGTACTGAGGCAGAACAGCGATGTGCCTGACCCGTTTAAACCCCACT
 GCAGAGGTGGCCGAGTTCGACAGTCAGGATGTGATCCTTTCTAATGAGCATGAGTTTGACCCCTCTGGA
 AGAGGAGGAATATTGAGCGCCTTCAGCCCTGACACATCTGAAAAGACAGCTCAGTACAGTGACTCAGA
 CTTAAAGAGGGCCAAAGCCATCCTGGAGCAAGGGGAGACACCTTGACAGTGCCTGCCAGGAGCTGCTC
 GACCACAGTCTCCAGCAGCAGACGCCACAAGCCATTGCTTCTGCCCGGACTCCAGAGCTAGGTTTAC
 ATAAGGATACACTGGTGCAAAACACGTTTTCTTTCTGGACTGAGTCCAAGTGTGGAGGCTTAGAAGAACC
 CAAGGATGAGGGCTCACTGCTTTGTGCAGGAAGGACTCTCCGAAGGAGGTACAGAGGAGCAGAACCTTC
 TCGGTGGGTGTCTCTGTTCACACAACCCTGGAGAACCAGCGCCACCCAACCTTACAAGGACACACAAGG
 ATTCAGAGCGAGGCGCCCACTGCCGGTGTGAGGCTCCTGAGGGTGGGTGCCAGGCCCTGTCCCAAGT
 GGGCCGGAGCCCTGCAGCCCTGCACCTGTGACACCAGCCCTAAAGCGCAGTTCTCATGTGGACAGGAA
 ACCCAGGACAGCATACTGCCGGAGGCAACGCCACACGCCGCTGCAGTCTGAACTGAACGCTGAAG
 CAAGGAGGATATTGGCAGCCAAAGCCCTGGCGAATTGACTGAGTTTGTGAGGAGGAGGAGGTGAAAAG
 GAGAGTGGAAATGTGGCAGAAAAGAACTAAATCCCGAGAGGGAGCCTGGGAACGAATATGTGGTGAAGA
 GACCCTTTTCATCTGTGCAAGTTGATGTGGTCTTGGGTGGAGCAACTGAAAGAACCTGTAATCAGCAAAG
 AGGATGTGGACATGCTGGTCGACAGACACGAGATGCTGCCGAAGCCCTGTTTTACTAGAGAAGGGGCA
 GTACCAGACCATCTCTGTGTGTTGATTGATTGTGAGCCTGCAGACGCTTCCGGTGGAGGTGGAGGAA
 GCTTGCCTTTCACATGCCATTAAGCCCTCACCAAGGTTAATTTTGATTCTGAAAATGGACCAATAGTTT
 ACGACACCCTGAAAAAATATTTAAGCACACGTTGGAAGAAAAGAAAAATGGCAAAAGACAGCCCGAG
 CCTGGTCTCTC**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-Mlul

ACCN: NM_001106104

Insert Size: 2256 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:	<ol style="list-style-type: none">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:	<u>NM_001106104.1, NP_001099574.1</u>
RefSeq Size:	3040 bp
RefSeq ORF:	2256 bp
Locus ID:	291022
Cytogenetics:	17p14