

Product datasheet for **RN203055**

Pbdc1 (NM_001108818) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Pbdc1 (NM_001108818) Rat Untagged Clone
Tag: Tag Free
Symbol: Pbdc1
Synonyms: RGD1562502
Mammalian Cell Selection: Neomycin
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Fully Sequenced ORF: >RN203055 representing NM_001108818
Red=Cloning site **Blue**=ORF **Orange**=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGATGCTGCCAGCGAAAGCGAAGAGCCGTTTCTGGGGAAGCGTTGTCCATCGCCATGCTCTTTCTT
ACCCTCCCGAGTCATATGGCAACGACCCTGATATTGAAATGGCTTGGGCCATTGAGCAATGCAGCATGC
TGAAGTCTATTAAACTGATTTTCATCAGTTGACCCACAGTTTCTGAACTACCAAGGTGGATGACCAA
ATCTACTCTGAGTTCGGGAAAAATTTGAGACACTCAGGATAGATGTATTGGACCCAGAAGAACTCAAAT
CAGAATCAGCTAAAGAGAAGTGGAGACCATTCTGTTTAAATTCGAAGGGATCGTAGAAGATTACAATA
TGGTACTTTGCTGCGACTGGATTGTTCTCAGGGCTACACTGAAGAGAACACTATCTTTGCACCCAGGATT
CAATTTTTTGCCATTGAAATTGCTCGGAACCGGAAGGCTATAACAAAGCAGTTTCCGTCAGTGTTGAGG
ACAAAGAAGGAAAGGAAGGAGCTGACAATAAAGAAGAGGAAGCTGAGAAAGGAGCTGATAGTGGAGGAGA
AAAAGAGGAAGGAGTCAACAGAGAAGGAGAAAAG**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-Mlul
ACCN: NM_001108818
Insert Size: 597 bp



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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_001108818.1, NP_001102288.1</u>
RefSeq Size:	1629 bp
RefSeq ORF:	597 bp
Locus ID:	363485
Cytogenetics:	Xq22