

Product datasheet for **RN208625**

Pdc (NM_012872) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Pdc (NM_012872) Rat Untagged Clone
Tag: Tag Free
Symbol: Pdc
Synonyms: 33DPTP; MEKA; Rpr1
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >RN208625 representing NM_012872
Red=Cloning site **Blue**=ORF **Orange**=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGCC**

ATGGAAGAAGCCGAAGCCAAAGCTTAGAGGAAGATTTGAAGGACAGGCCACACACAGGACCCAAAG
GAGTAATAAATGACTGGAGAAAGTTAAATTAGAAAGTGAAGATGGTGATTCAATTCACCCAGCAAGAA
GGAGATCCTCAGACAAATGTCCTCTCCTCAGAGCAGAGATGACAAAGACTCGAAAGAAAGAATGAGCAGA
AAGATGAGCATTCAAGAAATATGAACTAATTCATCAGGACAAAGAAGATGAAGTTGCCTTCGCAAAATACC
GCAGACAGTGCATGCAGGATATGCATCAGAAGCTGAGCTTTGGCCTAGGTATGGGTTTGTGTATGAGCT
GGAAACAGGGGAGCAATTCCTGGAACCATCGAAAAGGAGCAGAAGGTCACCACCATCGTGGTTAACATT
TACGAGGATGGTGTGAGGGGCTGTGACGCACTCAACAGCAGTTTAGAATGCCTTGACGAGAGTACCCAA
TGGTCAAGTTCTGTAATAAAGAGCTTCGAATACTGGAGCTGGGGACCGCTTTTCCTCAGACGTAATCCC
GACATTGCTCATATACAAAGGTGGGAGCTCATAAGCAATTTTATTAGTGTGCTGAACAATTTGCCGAA
GATTTTTTCGCTGCGGATGTGGAGTCTTTCCTAAATGAATATGGCTTACTACCAGAAAGAGAGATACATG
ACCTAGGGCAGACCAACACGGAAGATGAAGATATCGAG**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_012872
Insert Size: 741 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:	NM_012872.1 , NP_037004.1
RefSeq Size:	1272 bp
RefSeq ORF:	741 bp
Locus ID:	25343
UniProt ID:	P20942
Cytogenetics:	13q21
Gene Summary:	binds the retinal G-protein transducin; plays a role in negative regulation of phototransduction [RGD, Feb 2006]