

Product datasheet for MC218737

Pdc (NM_024458) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Pdc (NM_024458) Mouse Untagged Clone
Tag: Tag Free
Symbol: Pdc
Synonyms: Rpr-1; Rpr1
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC218737 representing NM_024458
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGAAGAAGCCGCCAGCCAAGCTTAGAAGAAGATTTGAAGGACAGGCCACGCACACAGGACCCAAAG
GAGTAATAAATGATTGGAGAAAGTTAAATTAGAAAGTGAAGATGGTATTCAATTCACCCAGCAAGAA
GGAAATCCTCAGACAAATGTCTCTCCTCAGAGCAGAGATGACTCAAAGAAAGAATGAGCAGAAAGATG
AGCATTCAAGAATATGAACTCATTATCAAGACAAAGAAGATGAGAGTTGCCTTCGCAAATACCGGAGGC
AGTGCATGCAGGATATGCATCAGAAGTTGAGTTTTGGCCCTAGGTATGGGTTTGTGTATGAGCTGGAAC
AGGGGAGCAATTCCTGGAACCATCGAGAAGGAGCAGAAGGTCACCACAATTGTGGTTAACATTTACGAG
GATGGTGTGAGGGCTGCGATGCACTCAACAGCAGCTTAGCGTGCCTTGCAGTAGAGTACCCAATGGTCA
AGTTCTGTAAAAAAAAGCTTCTAATACCGGAGCGGGGACCGCTTTCCACAGACGTAATCCCTACGTT
GCTGGTGTACAAAGGTGGGAACATCAAGCAATTTTATTAGTGTGGCTGAACAATTTGCTGAAGAATTT
TTTGCTGTGGATGTGGAGTCTTTCCTAAATGAATATGGATTACTACCAGAAAGAGAGATACATGACCTAG
AGCAGACCAACATGGAAGACGAGGACATTGAAT**AA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_024458
Insert Size: 735 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_024458.2 , NP_077778.1 |
| RefSeq Size: | 1251 bp |
| RefSeq ORF: | 735 bp |
| Locus ID: | 20028 |
| UniProt ID: | Q9QW08 |
| Cytogenetics: | 1 63.84 cM |
| Gene Summary: | Inhibits the transcriptional activation activity of the cone-rod homeobox CRX (By similarity). May participate in the regulation of visual phototransduction or in the integration of photoreceptor metabolism.[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (2) differs in the 5' UTR compared to variant 1. Both variants encode the same protein. |