

Product datasheet for RN215045

Pnlc1 (NM_001025724) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
 Product Name: Pnlc1 (NM_001025724) Rat Untagged Clone
 Tag: Tag Free
 Symbol: Pnlc1
 Synonyms: MGC116282
 Vector: pCMV6-Entry (PS100001)
 E. coli Selection: Kanamycin (25 ug/mL)
 Cell Selection: Neomycin
 Fully Sequenced ORF: >RN215045 representing NM_001025724
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCGCGATCGCC

ATGGACGTGGCGCGGACGAATTTGAGCAGAGCCTTCCATTCTGCAGGAACCTGTGCGGGTGCAGACT
 TCGTGGGTCTGGACATAGAGTTCACAGGTCTGCGTTCAAACCTGTCCCGCCCAACAGATCAGTCTCTT
 TGACTTGCCATCTGAGTGGTATCTGAAGACCCGCAAAGTGTTCAGCAGTTTACAATCTGTCAGATTGGA
 TTGTCCATGTTTTCCAGCGTTGAAGGAGAATCAAACAAGTATGTAGCGCACTCCTGCAATTTCTTTCTCT
 TCCTACAACATTTGGGATCCTGGACTCAGAATTCCTTTCCAGGCATCTAGTGTACAGTTTCTGAATCA
 GTATGGCTTCGACTATAACAAGTTCCTCAAAAACGGAATCCCATACATGAATGAAGAACAGGAGAAGAAA
 ATCAAGCACAGTATCCTGAGAGGGAAGTGGAGAGTCCGAAGCTCTCTGGATAAAGACCAATCAAGGTGG
 TGATTGATAAGGTGACCCAGTGGCTGGACTGGCTGAGGAAGGTGACCAGATGACTCTGCCTGGCATCTC
 TGGGTTCCAAGCCTTCGAGGTCCAACCTGGTGTGAGGCAGGCCCTCCCAACATCTGGACAGTGTGAAA
 GAGGAGGGGTAATTGTGAAGAAAGTGAAGCAGCCACATCGCTGGTACCTTGAGCATCCTCTTGACC
 AAGTCACCTGTTGAAGGAGCAGATTCTCTCTGCAAGAGGCTCTCTGTCTTTTTCAGATGTTGTT
 GAAAGCCAGAACCCCTTGGTAGGACATAACATGATGACGGACCTACTGCATCTCCATGAGAAGTTCTTC
 CGACCTCTCCAGAAAGCTACGATCAGTTTAAGCAGAACATCCATAGCCTGTTCCCTGCTCATCGACA
 CTAAGAACGTGACTAAAGACATCTGGAAGAAGGTGAGAGTTCTGTGGCTGACACTGACCTTAGCCAGGG
 TCACTGGGACGTCTTCTGTGGTGGCCCCAGAGTCTGCTCTCTGATGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
 ACCN: NM_001025724



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Insert Size:	1026 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_001025724.1</u> , <u>NP_001020895.1</u>
RefSeq Size:	2027 bp
RefSeq ORF:	1026 bp
Locus ID:	361478
Cytogenetics:	1q11