

Product datasheet for **RN214250**

Pcolce (NM_019237) Rat Untagged Clone

Product data:

| | |
|--------------------|---------------------------------------|
| Product Type: | Expression Plasmids |
| Product Name: | Pcolce (NM_019237) Rat Untagged Clone |
| Tag: | Tag Free |
| Symbol: | Pcolce |
| Synonyms: | PCPE |
| Vector: | pCMV6-Entry (PS100001) |
| E. coli Selection: | Kanamycin (25 ug/mL) |
| Cell Selection: | Neomycin |



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Fully Sequenced ORF: >RN214250 representing NM_019237
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGCTGCCTGCTGCCCTAACCTCCCTGCTGGGGCCATTCTTCTAGCCTGGGTGCTGCCTTTGCCCGAG
 GCCAGACCCCAACTACACGAGACCAGTGTTCCTGTGGAGGGATGTGACCGGGAGTCGGGTTACGT
 GGCAAGTGAGGGTTTCCCAACCTCTACCCCCAAACAAGAGTGCATCTGGACAATAACGGTGCCTGAG
 GGCCAGACTGTGTCCCTGTCTTCCGAGTCTTTGATATGGAACCTCACCCCTTCTGCCGCTATGATGCTC
 TGGAGGTCTTTGCTGGATCCGGGACCTCAGGCCAGCGACTTGGACGCTTCTGTGGACCTTCAGGCCTGC
 GCCTGTAGTTGCACCTGGCAACCAAGTACTTTAAGGATGACAACCTGACGAGGGCACTGGGGACGAGGA
 TTCTGCTCTGGTACAGCGGTCGGGCCACCTCAGGCACCTGAGCACCAGTTTTGCGGGGGCGGATGGAGA
 AGGCGCAGGGAACCTGACCACGCCCAACTGGCCTGAGTCGGATTACCCCCAGGCATCAGCTGTTCCCTG
 GCACATCATTGCACCTCAAACCAAGGTGATCATGCTAACCTTCGGGAAGTTTGATGTGGAGCCTGACACA
 TACTGCCGATATGACTCTGTCACTGTGTTCAATGGAGCTGTGAGTGACGACTCAAAGAGGCTGGGGAAT
 TTTGCGGAGACAAGGCCCTAGCCCCATCTCTCCGAAGGGAATGAGCTCCTGGTCCAGTTTGTATCAGA
 TCTCAGTGTCACTGCCGATGGCTTCTCAGCCTCTACAGGACCCTGCCACGGGATGCCGTGGAAAAGGAG
 TCAGCCCCAAGTCCAGGGGAGGATGCACAGCATGGTCCCCAGTCCCGCTCTGACCCTAAGACAGGAACTG
 GGCCAAAGTCAAACCAACCAAGTAAAGTCCAGCCTGTAGAGAAACCTGAGGGCTCTCTGCTAC
 CCAGGCAACTCCAGTTGCTCCAGATGCCCCAGCATCACTTGCCAAAGCAGTACAAGCGGTGAGGCACC
 TTGCAGAGCAACTTTTGTCCAGTAGCCTGGTGGTGACAGGAACAGTGAAGGCCATGGTCCGGGGCCAG
 GGGAGGGCCTCACTGTCACCGTCAGTCTCTGGGTGCTACAAAACCGGAGACCTGGACCTGCCCTCTCC
 AGCTAGTGGCACCTCTCTGAAGTTCTATGTGCCCTGCAAGCAGATGCCCCCATGAAGAAAGGAGCCAGT
 TACCTGCTGATGGGTGAGGTGGAAGAGAACAGAGGCCCATCCTTCTCCGGAGAGCTTCGTGGTCTCT
 ACAGGCCCAACCAGGACCAGATCCTGAGTAACCTAAGCAAGAGAAAGTGCCCTCCAGCCTAGGCCAGA
 TGCCTGA

ACGGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-Mlul

ACCN: NM_019237

Insert Size: 1407 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:

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_019237.1](#), [NP_062110.1](#)

RefSeq Size: 1547 bp

RefSeq ORF: 1407 bp

Locus ID: 29569

UniProt ID: [O08628](#)

Cytogenetics: 12q12

Gene Summary: may play a role in type I collagen processing; may bind and stabilize RNA during protein synthesis [RGD, Feb 2006]