

## Product datasheet for **MC216275**

### **Pcolce (NM\_008788) Mouse Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Pcolce (NM_008788) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Pcolce
Synonyms:	Astt-2; Astt2; P14; PCPE-1
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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**Fully Sequenced ORF:** >MC216275 representing NM\_008788  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGCTGCCTGCTGCCCTAACCTCCTTTCTGGGGCCATTCTTTTGGCCTGGGTGCTGCCTCTTGCCCGAG  
 GCCAGACCCCAACTACACGAGACCTGTGTTCTGTGCGGAGGGGACGTGACCGGGGAGTCAGGTTACGT  
 GGCAAGTGAGGGTTTCCCAACCTCTACCCCCAAACAAGAGTGCATCTGGACAATTACCGTGCCCGAG  
 GGCCAGACTGTGTCCCTGTCTTCCGAGTCTTCGATATGGAGCTCCACCTTCTGCCGCTACGATGCTC  
 TGGAGGCTCTTGTGGCTCTGGCACCTCAGGCCAGCGACTTGGACGCTTCTGCGGCACCTTCAGGCCTGC  
 ACCTGTAGTCGCACCTGGCAACCAAGTGACTTTAAGGATGACAACCTGACGAGGGCACCGGGGACGAGGC  
 TTCTGCTCTGGTACAGCGGCCGGGCCACTTGGGCACTGAGCACCAGTTTTGTGGGGGGCGGATGGAGA  
 AGGCGCAGGGAACCTTGACCACGCCCAACTGGCCTGAGTCGGATTACCCACCAGGCATCAGCTGTTCTG  
 GCACATCATTGCACCCTCAAACCAAGGTGATCATGCTAACCTTTGGGAAGTTTGATGTGGAGCCTGACACG  
 TACTGCCGATATGACTCTGTCACTGTGTTAACGGAGCTGTGAGTGACGACTCAAAGAGGCTGGGGAAT  
 TTTGCGGAGACAAGGCCCTAGCCCCATCTCTTGAAGGGAACGAGCTCCTGGTCCAGTTTGTATCAGA  
 TCTCAGTGTACCCGAGATGGCTTCTCAGCCTCTACAGGACCCTGCCACGGGATGCCGTAGAGAAGGAG  
 TCAGCCCTGAGTCCAGGGGAGGACGTACAGCGTGGTCCCCAGTCCCGCTCTGACCCTAAGACAGGAACTG  
 GGCCAAAGTCAAACCACCCACTAAACCTAAATCCCAACCTGCAGAGACACCAGAGGCTTCCCCTGCTAC  
 CCAGGCAACCCAGTGGCCCCAGCTGCCCCAGCATCACCTGCCAAAGCAGTACAAGCGGTGAGGCACC  
 TTGCAGAGCAACTTCTGTTCCAGTAGCCTAGTGGTGACAGGAACAGTGAAGACCATGGTCCGGGGCCCCG  
 GGGAAGGCCTCACTGTCACTGTCACTCTCTTGGTGTCTACAAAACCGGAGGACTGGACCTGCCCTCTCC  
 GCCCAGTGGCACCTCTCTGAAGTTGTATGTGCCCTGCAGGCAGATGCCCCCATGAAGAAAGGAGCCAGT  
 TATCTGCTGATGGGTGAGGTGGAAGAAAACAGAGGCCCATCCTTCTCCAGAGACTTCGTGGTTCTCT  
 ACAGGTCCAACCAGGACCAGATCCTCAATAACCTAAGCAAGAGGAAGTGTCCCTCCAACCTAGGACAGC  
 TGCCTGA

**ACCGGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** Sgfl-MluI

**ACCN:** NM\_008788

**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\\_008788.2](#), [NP\\_032814.2](#)  
RefSeq Size: 1539 bp  
RefSeq ORF: 1407 bp  
Locus ID: 18542  
UniProt ID: [Q61398](#)  
Cytogenetics: 5 76.59 cM  
Gene Summary: Binds to the C-terminal propeptide of type I procollagen and enhances procollagen C-proteinase activity.[UniProtKB/Swiss-Prot Function]