

## Product datasheet for SC118529

### PCOLCE (NM\_002593) Human Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	PCOLCE (NM_002593) Human Untagged Clone
Tag:	Tag Free
Symbol:	PCOLCE
Synonyms:	PCPE; PCPE-1; PCPE1
Mammalian Cell Selection:	None
Vector:	<u><a href="#">pCMV6-XL5</a></u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene ORF within SC118529 sequence for NM_002593 edited (data generated by NextGen Sequencing)

```

ATGCTGCCTGCAGCCACAGCCTCCCTCCTGGGGCCCTCCTCACTGCCTGCGCCCTGCTG
CCTTTTGCCAGGGCCAGACCCCAACTACACCAGACCGTGTTCTGTGCGGAGGGGAT
GTGAAGGGGAATCAGGTTACGTGGCAAGTGAGGGTTCCCAACCTCTACCCCTAAT
AAGGAGTGCATCTGGACCATAACGGTCCCCGAGGGCCAGACTGTGTCCCTCTATTCCGA
GTCTTCGACCTGGAGCTGCACCCCGCTGCCGCTACGATGCTCTGGAGGTCTTCGCTGGG
TCTGGGACTTCCGGCCAGCGGCTCGGACGCTTTTGTGGGACCTCCGGCCTGCGCCCTA
GTCGCCCCGGCAACCAGGTGACCCTGAGGATGACGACGGATGAGGGCACAGGAGGACGA
GGCTTCTGCTCTGGTACAGCGGGCGGCCACCTCGGGCACTGAGCACAATTTTGGGG
GGGCGGCTGGAGAAGGCCAGGGAACCTGACCACGCCAACTGGCCCGAGTCCGATTAC
CCCCCGGCATCAGCTGTTCTGGCACATCATCGCGCCCCGGACCAGGTCATCGCGCTG
ACCTTCGAGAAGTTTGACCTGGAGCCGGACACCTACTGCCGCTATGACTCGGTACGCGTG
TTCAACGGAGCCGTGAGCGACGACTCCCGGAGGCTGGGGAAGTTCTGCGGCGACGAGTC
CCGGGCTCCATCTCCTCCGAAGGGAATGAACTCCTCGTCCAGTTCGTCTCAGATCTCAGT
GTCACCGCTGATGGCTTCTCAGCCTCCTACAAGACCTGCCGCGGGGCACTGCCAAAGAA
GGGCAAGGGCCCGGCCCAACGGGGAAGTGAAGTCAAGTGCACCCCAAGTCC
CAACCTCCGGAGAAAACAGAGGAATCTCCTTACGCCCTGATGCACCCACCTGCCAAAG
CAGTGCCCGCCGACAGGCACCTTGACAGCAACTTCTGTGCCAGCAGCTTGTGGTGACT
GCGACAGTGAAGTCCATGGTTCGGGAGCCAGGGAGGGCCTTGCCGTGACTGTCAGTCTT
ATTGGTGTTATAAACTGGAGGACTGGACCTGCCTTCTCCACCACTGGTGCCTCCCTG
AAGTTTTACGTGCCTTGAAGCAGTGCCCCCATGAAGAAAGGAGTCAGTTATCTGCTG
ATGGGCCAGGTAGAAGAGAACAGAGGCCCGCTCCTCCTCCAGAGAGCTTTGTGTTCTC
CACCGGCCAACAGGACCAGATCCTCACCAACCTAAGCAAGAGGAAGTGCCTCTCAA
CCTGTGCGGGCTGCTGCGTCCCAGGACTGA

```

Clone variation with respect to NM\_002593.3



[View online »](#)

<b>5' Read Nucleotide Sequence:</b>	<p>&gt;OriGene 5' read for NM_002593 unedited            TCANATTTTGTATACGACTCATATAGGGCGGCCGGAATTTCGCACGAGGCGGGCCATGC            TGCTGCAGCCACAGCCTCCCTCCTGGGGCCCTCCTCACTGCCTGCGCCCTGCTGCCTT            TTGCCAGGGCCAGACCCCAACTACACCAGACCCGTGTTCTGTGCGGAGGGGATGTGA            AGGGGGAATCAGGTTACGTGGCAAGTGAGGGGTTCCCAACCTCTACCCCTAATAAGG            AGTGCATCTGGACCATAACGGTCCCCGAGGGCCAGACTGTGCTCCTCTCATTCCGAGTCT            TCGACCTGGAGCTGCACCCCGCTGCCGCTACGATGCTCTGGAGGTCTTCGCTGGTCTG            GGACTTCCGGCCAGCGGCTCGGACGCTTTTGTGGACCTTCCGGCCTGCGCCCTAGTCG            CCCCCGCAACCAGGTGACCCTGAGGATGACGACGGATGAGGGCACAGGAGGACGAGGCT            TCCTGCTCTGGTACAGCGGGCGGGCCACCTCGGGCACTGAGCACAATTTTTCGNGGGC            GGCTGGAGAAGGCCAGGGAACCCTGACCACGCCCAACTGGCCGAGTCCGATTACCCCC            CGGGCATCAGCTGTTCTGGCACATCATCGCGCCCCGGACCAGGTATCGCGTGACCT            TCGAGAAGTTTGACCTGGAGCCGACACCTACTGCCGCTATGACTCGGTCAGCGTGTTC            ACGGAGCCGTGAGCGACGACTCCCGGAGGCTGGNGAAGTTCTGCGGCGACGAGTCCCGG            GCTTCATCTCCTCCGAAAGGAATGAACTNCTCGTNNCAGTCGTCTCAGATCTCAGTGCA            CCGCTGATGCCTTCTCAGCCTCTACAAGACCTTGCCCGGGGCACTGCCAAGAAGGGCA            GGGCCCGCCCAACGNGAACTGACCCTAAGTCN</p>
<b>3' Read Nucleotide Sequence:</b>	<p>&gt;OriGene 3' read for NM_002593 unedited            CCGCAATCTAGTAGTCGGTTTTTTTTTTTTTTTTTTTTTCTCATTAAAGAACATTTATTTGG            ATAAGAAAGAAGGCTGAGGGCTAGGGGCCGGGCTGGCCTGCGTCTCATTCTGGGACG            CATCAGCCCGCACAGGTTGAGAGGGGCACTTCTCTTGTAGGTTGGTGAAGGATCTGGT            CCTGGTTGGGCCGTGGAGAACCACAAAGCTCTCTGGAGGAAGGACGGGGCTCTGTTCT            CTCTACCTGGCCATCAGCAGATAACTGACTCCTTTCTCATGGGGGGCACTGCTTGC            AAGGCACGTAAAACCTTCAGGGAGGCACCAAGTGGGTGGAGAAGGCAGGTCCAGTCCAG            TTTTATAAGCACAATAAGACTGACAGTCACGGCAAGGCCCTCCCTGGCTCCCGAACCA            TGGACTTCACTGTGCGAGTCACCACAAGGCTGCTGGCAGAGAAGTTGCTCTGCAAGGTGC            CTGTCCGGCGGCACTGCTTTGGGAGGTGGGTGCATCAGGGGTGAAGGAGATTCTCTG            TTTTCTCCGGAGGTTGGGACTTGAGGGGCACTTACTTTAGGCTCAGTCCCGTTTGG            GGCCGGGCCCTTGCCCTTTTGGCAGTGCCCCGCGCAGGGTCTGTGAAGATGCTGAGAA            GGATGAGAGCCCGNACTGCGTCGCCGANTACTTTCCAGTCTCCGAGTCTGCTCGT            CACGGCTCCGTTGACACGCTGACCGATCATAGCGCAGTAGGTGTCCGTTCAAGTCAA            TCTCGAAGTCATCGCGATGACCTGGTCCGGGGCGCGATGATGTGACGATACATCGATGCC            GGGGGTATCGGCTCGGCCATTGGNCGTGAAGGTTCTGGCCTCTCCAGCGCCCCGAAAT            TGTGCTATGCCGAGTTGGCCCCGTGTCAATAGTATCTTCT</p>
<b>Restriction Sites:</b>	NotI-NotI
<b>ACCN:</b>	NM_002593
<b>Insert Size:</b>	1500 bp
<b>OTI Disclaimer:</b>	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).
<b>Components:</b>	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\\_002593.2](#), [NP\\_002584.1](#)

**RefSeq Size:** 1510 bp

**RefSeq ORF:** 1350 bp

**Locus ID:** 5118

**UniProt ID:** [Q15113](#)

**Cytogenetics:** 7q22.1

**Domains:** CUB, NTR

**Protein Families:** Secreted Protein

**Gene Summary:** Fibrillar collagen types I-III are synthesized as precursor molecules known as procollagens. These precursors contain amino- and carboxyl-terminal peptide extensions known as N- and C-propeptides, respectively, which are cleaved, upon secretion of procollagen from the cell, to yield the mature triple helical, highly structured fibrils. This gene encodes a glycoprotein which binds and drives the enzymatic cleavage of type I procollagen and heightens C-proteinase activity. [provided by RefSeq, Jul 2008]