

Product datasheet for MC204547

Pcolce2 (NM_029620) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Pcolce2 (NM_029620) Mouse Untagged Clone
Tag: Tag Free
Symbol: Pcolce2
Synonyms: 2400001O18Rik; Pcpe2
Mammalian Cell Selection: Neomycin
Vector: PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection: Kanamycin (25 ug/mL)

Fully Sequenced ORF: >BC051174
 TCGGGGCGCCCGGCGGGATGCTGCAGTGAGCTGCCGGCCATGGGGGGCGGAGCGCCTGCATCCCCGCTCT
 GCCTGCTTCTGGCCACCGCGCGGATGGCCCGGCCGACAGCCAGAGAGACCTGTTTTACATGTGGCGG
 CATTCTTACCGGAGAGTCTGGATTTATTGGCAGTGAAGGTTTTCTGGAATGTACCCTCCGAATAGCAAA
 TGTACTTGGAAAATCACAGTTCTGAGGGCAAAGTGGTCGTCTTGAATTTTCGATTCATAGACCTGGAGA
 ATGACAACCTGTGTGCTATGACTTCGTGGATGTGTACAATGGCCACGCCAATGGCCAGCGTATCGGGCG
 CTTCTGTGGCACATTCGGACCTGGATCGCTCGTAGCCAGCGGCAACAAGATGACGGTACAATGATTTCT
 GACGCCAACACCGCGGAAAGTGGCTTCATGGCAACGTACTCTGCCGCTGCCCAGATGGAAAAGGAGACC
 GGTATTGTGGAGGACGCCTTAAAAACCTTCCGGTACCTTTAAACTCCCACTGGCCAGACCGAGATTA
 CCCCCTGGGAGTTACTTGTGTGGCACATCATAGCTCCGAAGAACCAGCTTATAGAGTTAAAGTTTGAG
 AAGTTCGATGTTGAGCGGATAACTACTGCAGATACGACTACGTGGCTGTGTTTAAACGGTGGGGAAGTCA
 ATGACGCCAAAAGAATTGGGAAGTACTGTGGGACAGTCCACCTGTGCCGATCGTGTCTGAGAGAAATGA
 ACTTCTTATTCAGTTCTTATCAGACTTAAAGTTTAAACAGCGGATGGTTTTATTGGTCACTACAAAATTCAGG
 CCGAAAAGTTTTCCACAAACCACCACCGCCCTCACCACCACACTCCCCGTAACCTACAGGTCTAAAGC
 CCACTGTGGCCCTGTGTGACGAGAAGTGTAGACGGATGGGGACTCTGGAGAGCAATTACTGTTCAAGCAA
 CTTCTGTGTAGCCGGCACAGTTATCAGGACCGTCACTCGAGGTGGGAGCTTGACGCCACAGTCTCGATC
 ATCAGCATCTACAGGGAAGGCAACCTGGCCATTCAGCAGGCTGGCAAGAACATGAGTGTCAAGCTCACTG
 TGGTGTGCAGGCAGTGGCCCTTCTCAGACGAGGTCTCAATTACATTATTATGGGACAAGTGGGTGAAGA
 TGGGCGTGGCAAAATCATGCCAAACAGCTTTGTCAAATGTTCAAGAATAAGAATCAGAAGCCCATGAAC
 GCACTGAAGAACAAGCAGTGTAGCCTGAGCTCTGTACATAACCTGAACCTACTCATCACCGCTGAACG
 ATCTGTCCACGTTAGGAAAAAAAAAAAAAAAAAACACGCTATTTAATGTGAGCGTTCTGAGAGATGGA
 GCTGAGTAACTCCTCACGCGATGGATGTGTGAGCCACGCCCCAGTTCACTGGTGAAGGTCTGCGCCTG
 CGCTGTGATCTCCAACATCTGCGAACTACCCACCCAGTGCCTGATGGGGAAGAGCAGCGAGCTCCGACA
 TCTGGAAGCTTGAACATACATCTCTGTAGGAGGATATTCTAGAGTCGAGTTGTATGAAGATATACAAAGG
 ATTTTATAAAGTGAATATTTATAATGATTTTGGTTACCTTCAAGCATTGCTCTGAGGTGTCACATTC
 TTTTTTCTCTTTCATTTTTTTTAAAAAGTCAATGCTTAATAAAAATATTTTAAATGATAAAAAAAAAAAAA
 AA



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Restriction Sites:	RsrII-NotI
ACCN:	NM_029620
Insert Size:	1245 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:	BC051174 , AAH51174
RefSeq Size:	1817 bp
RefSeq ORF:	1245 bp
Locus ID:	76477
UniProt ID:	Q8R4W6
Cytogenetics:	9 E3.3
Gene Summary:	Binds to the C-terminal propeptide of types I and II procollagens and may enhance the cleavage of that propeptide by BMP1.[UniProtKB/Swiss-Prot Function]