

Product datasheet for **SC125468**

PCMTD2 (NM_018257) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	PCMTD2 (NM_018257) Human Untagged Clone
Tag:	Tag Free
Symbol:	PCMTD2
Synonyms:	C20orf36
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene ORF sequence for NM_018257 edited

```

ATGGGCGGTGCTGTGAGTGTCTGGTGAAGACAATGATGAGCTGATAGATAATTTGAAAGAA
GCACAGTATATCCGGACTGAGCTGGTAGAGCAGGCTTTTCAGAGCTATCGATCGTGACAGAC
TATTATCTTGAAGAATTTAAAGAAAATGCTTATAAAGACTTGGCATGGAAGCATGGAAAC
ATTCACCTCTCAGCCCCGTGCATCTACTCGGAGGTGATGGAAGCCCTAGATCTGCAGCCT
GGACTCTCGTTTCTGAACCTGGGCAGTGGCACTGGGTATCTCAGCTCCATGGTGGGCCTC
ATTCTAGGTCCTTTTGGTGTGAACCATGGGGTGGAACTTCACTCAGATGTGATAGAGTAT
GCAAAGCAGAACTGGACTTCTTCATCAGAACAAAGTGATAGTTTTGACAAGTTTGACTTC
TGTGAACCTTCCTTTGTTACTGGGAATTGCCTGGAGATTTCTCCGGATTGTTCTCAGTAT
GATCGTGATACTGTGGGCTGGCGTGCAGAAAGAGCATGAAGAGTACATGAAGAATCTT
CTCAAAGTGGGAGGGATCCTTGTCATGCCACTGGAAGAGAAGTTGACTAAGATAACACGC
ACAGGTCCTTCAGCTTGGGAAACCAAAAAGATTCTTGCTTTTCTTTGCTCCTCTGATC
CAGCCCTGCCATTCAGAGTCAGGAAAATCAAGACTTGTCCAGTTACCACCAGTGGCAGTT
CGCAGCCTCCAGGACTTGGCTCGCATCGCCATCCGGGGCACCATTAAAAAGATTATTCAT
CAGGAACTGTGAGCAAAAACGGAACGGACTAAAGAACACCCCAAGTTTAAACGAAGG
AGAGTTCGCCGCCGTGCAATGGAAACGATTGTCTTTTGGACAAAGAAGTCTTTGCCAGT
CGGATTTCCAACCCCTCAGATGACAACAGCTGTGAAGACTTGAAGAGGAACGGAGGGAA
GAAGAAGAGAAGACCCCGCCGGAACAAAGCCAGACCCCAAGTGAACCTCCTACGCCAG
AAGGTCCTGAGCCTCCCTCTGCCAGATCCCTGAAATACTACTTGCTTTATTACAGAGAA
AAATAA
  
```


[View online »](#)

5' Read Nucleotide Sequence:	>OriGene 5' read for NM_018257 unedited <pre> TTTGTAAATACGACTCACTATAGGGCGGCCGCAATTTCGGCACGAGGCTTGAACATGGGCG GTGCTGTGAGTGCTGGTGAAGACAATGATGAGCTGATAGATAATTTGAAAGAAGCACAGT ATATCCGGACTGAGCTGGTAGAGCAGGCTTTCAGAGCTATCGATCGTGCAGACTATTATC TTGAAGAATTTAAAGAAAATGCTTATAAAGACTTGGCATGGAAGCATGGAACATTACCC TCTCAGCCCCGTGCATCTACTCGGAGGTGATGGAAGCCCTAGATCTGCAGCCTGGACTCT CGTTTCTGAACCTGGGCAGTGGCACTGGGTATCTCAGCTCCATGGTGGGCCTCATTCTAG GTCCTTTTGGTGTGAACCATGGGGTGGAACTTCACTCAGATGTGATAGAGTATGCAAAGC AGAAACTGGACTTCTTCATCAGAACAAGTGATAGTTTTGACAAGTTTGACTTCTGTGAAC CTTCCTTTGTTACTGGGAATTGCCTGGAGATTTCTCCGATTGTTCTCAGTATGATCGTG TATACTGTGGGGCTGGCGTGCAGAAAGAGCATGAAGAGTACATGAAGAATCTTCTCAAAG TGGGAGGGATCCTTGTGATGCCACTGGAAGAGAAGTTGACTAAGATAACACGCACAGGTC CTTCAGCTTGGGAAACAAAAAGATTCTTGCTGTTTCTTTGCTCCTCTGATCCAGCCCT GCCATTGAGAGTCAGGAAAATCAAGACTTGTCCAGTTACCACCAGTGGNCAGTTCGCAGC CTCCAGGACTTGGCTCGCATCGCCATCCGGNGCACCATTANAAGATATTCATCAGNAAA CTGTGNAGCAAAACGGANACGACTAAAGAACCNCCCCAGGTTAAC </pre>
3' Read Nucleotide Sequence:	>OriGene 3' read for NM_018257 unedited <pre> CTTGAACGCGGCCGCAATCTANAATCGAGTTTTTTTTTTTTTTTTTCCATTCCAATTTT ACATTTATTAATGAAAAATAATGCCTTCTCTACATCTATTGTGACTGTCACAGAATCAAG CAGTAATACAAATATTTGCTGAAAGTAAACACATGATGTTAATAAAGAAAAAGTTCTT TTCTTAAGATTTTGAAGAACAATATTCAAGAATTGGAATCCTACACAGGATGCAGAAGC AATGCTAAGGATAAAATATCCTGACTACCTTTATTGACATGATTTGTGTTTACCAGCTCA TTAAAATCTATGTTTCAATTCCCTGGATTTTCCAAGTTCAGACTGGTAAAAAGTATT TTTACATACACATTTGATGCTCACATTACAACTTAATATCTATAAACTGAAACTTGTT TTGCACAAGTCTATGGCTTTACTACTTTTCAAGACAAAAGTCACATATTAATAACAAAC TACTCAAAAGCAAATAGTTGTCAAGAAATGTGGTTTACAAGACAGATCTTACAGATAATAC AGACTATATTATGATTTATCTGTTTGAAGACAGAAAGTAGTGTATTATACTGAATCTGG TATAAGGTGCGCAGGAACTTTACTTACAATCCTTTATTTTATAAGGTAACACCAAAG TATTTCTCACATATATTACCACCAGATTTTTTTTAAACCAAATCCGGTTTAAAAATCAC ACACTGACAACACAGAAATACGAAATGCTAGGAAAAGTCTAGCATATGAAGGAAAAACAT GTCTTATGCATTCTAATAATAATTTTTTACAATCTAGCATAAAGGCAAATGCGGNNTTTT TAANAATGCAGTCCATATACCATATAGAAAAAACATTTAGTCAGCCACTAATATACCNAT TTCACAGAAGCACTCATTAATATATGTCCANAANTNCCAGTAGTGTCTACGTATCAGT AGAATATGCCCNAGGATCTNCNAACTACAATATTCGCAGTAATGAAAAAN </pre>
Restriction Sites:	NotI-NotI
ACCN:	NM_018257
Insert Size:	4000 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:	<u>NM_018257.1, NP_060727.1</u>
RefSeq Size:	3655 bp
RefSeq ORF:	1086 bp
Locus ID:	55251
UniProt ID:	<u>Q9NV79</u>
Cytogenetics:	20q13.33
Domains:	PCMT
Protein Families:	Druggable Genome