

## Product datasheet for SC113179

### PCMF (KCMF1) (NM\_020122) Human Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	PCMF (KCMF1) (NM_020122) Human Untagged Clone
Tag:	Tag Free
Symbol:	PCMF
Synonyms:	DEBT91; FIGC; PCMF; ZZZ1
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene ORF within SC113179 sequence for NM_020122 edited (data generated by NextGen Sequencing)

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ATGTCCCACATGAAGGTGTCAGCTGTGATGCATGTTTAAAAGGAAATTTTCGAGGTCGC
AGATATAAGTGTTTAATTTGCTACGATTACGATCTTTGTGCATCTTGTTATGAAAAGTGGT
GCAACAACAAGGCATACAACGACCAATGACCAATGACGATGATTAACAAGGGTAGAT
TTTGATTATACTATGGTGGGAAGCTTTCTCTGTAGAGCAGCCACAGTCTTTTACTTGT
CCCTATTGTGAAAAATGGGCTATACGGAGACATCTTCAAGAACATGTTACTTCTGAA
CATGCAGAAACATCAACAGAAGTATTTGTCCAATATGTGCAGCGTTACCTGGAGGCGAT
CCTAATCATGTCACGGATGACTTTGCAGCTCATCTTACACTTGAACACAGAGCCCCTAGA
GATTTAGATGAATCGAGTGGTTCGACATGTACGTAGAATGTTTCACCCTGGCCGGGA
TTAGGAGGTCCTCGTCTCGTAGATCAAACATGCACTTTACTAGCAGTTCTACTGGTGA
CTTTCTTCTTCTCAGAGTTCATATTCTCCAAGCAATAGGGAAGCCATGGATCCTATAGCT
GAGCTTTTATCTCAGTTATCAGGAGTGAGACGTTCTGCAGGAGGACAGCTTAATTCCTCT
GGCCCTTCCGCTTCTCAGTTACAACAACGAGATGCAGTGCAGCTAGAACGGCAGCAT
GCCCAGGCAGCACGGCAACAACGAGACCGCACGCAACGCAACCCGGCGTACTAACACA
AGCAGTGCACCACTACAATCACACAATCCACAGCAACAACCAACATAGCTAATACAGAA
AGCAGTCAGCAGACTCTACAGAATCCCAGTTTCTTTTAAACAAGTTGAATGATCCTAAA
ATGTCTGAAACGGAGCGCCAGTCCATGGAAAGCGAGCGTGCAGACCGCAGCCTGTTTGT
CAAGAGCTCCTTCTGTCCACTTTAGTGCGTGAAGAGAGCTCATCCTCAGATGAGGATGAT
CGGGGGGAGATGGCAGATTTTGGTGTATGGGCTGTGTAGATATTATGCCTTTAGATGTT
GCTTTAGAAAACTAAATTTAAAAGAGAGTAATAAAGGAAATGAGCCTCCACCACCTCCT
CTTTGA

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Clone variation with respect to NM\_020122.4



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<b>5' Read Nucleotide Sequence:</b>	<p>&gt;OriGene 5' read for NM_020122 unedited</p> <pre>GTATACGACTCACTATAGGGGCGGCCGCGATTCCGGCACGAGGGCCGCGCCGCCGCCGCCGCC GCCCGGGAGCGCTCCCTGCCACCCCGCCCGCGCCGAGCCCGGGAGTTCGAGTGGG AGTCGGCCGGCCGGCGCGGGCAGCGCCGGGACCCCGGGGGGACACTGCAGCCGGAGCCC GGGAGGGCCGCGCCGCCACCGTCTGAAGTGTCCCGACATGAAGGTGTACAGTGT GATGCATGTTTAAAGGAAATTTTCGAGGTGCGAGATATAAGTGTTTAATTTGCTACGAT TACGATCTTTGTGCATCTTGTATGAAAGTGGTCAACAACAAGGCATACAAGTGC CACCCAATGCAGTGCATATTAACAAGGGTAGATTTTGATTATATACTATGGTGGGGAAGCT TTCTCTGTAGAGCAGCCACAGTCTTTTACTTGTCCCTATTGTGGAATAATGGGCTATACG GAGACATCTCTTCAAGAACATGTTACTTCTGAACATGCAGAAACATCAACAGAAGTGATT TGTCCAATATGTGCAGCGTTACCTGGAGGCGATCCTAATCATGTCACGGATGACTTTGCA GCTCATCTTACACTTGAACACAGAGCCCTAGAGATTTAGATGAATCGAGTGGTGTTCGA CATGTACGTAGAATGTTTACCCTGGCCGNGATTANNGAGGTCTCGTGTCTGTAGATA NACATGCACTTTACTAGCAGTTCTACTGGTGGACTNCTTCTTCTCAGAGTTCATATTCT NCAAGCATAGGAGCCATGGATCCTATAGCTGAGCTTTNATCTCAGTATCAGAGATGAGAC GTCTGCAGGAGACAGCTTATTCCTCTGGCCCTTTCGCTTCTCAGTACACACTGCAGATG CAGCTGAGCTAAAACGGAACATGCCCCAGCAGACGGGAACAT</pre>
<b>3' Read Nucleotide Sequence:</b>	<p>&gt;OriGene 3' read for NM_020122 unedited</p> <pre>ATGGCAACTTCCAGGTCCAGGNANAGCACTGGGGAGGGGTACAGGGATGCCACCCGGGA TCTGTTCCAGGAAACAGCTATGACCGCGCCGCAATCTAGAGTCGAGTTTTTTTTTTTTTTT TTTTAAGGTAAACCATCCAAGCAGTTTTTATTCATTAATATTCATAAATACACACAGCAG CTTCATTAGAGATTTCAATTTTCTCTTCAGTTTGAATGTGGAGTATTAGGAGAGCCTTT TGCATGTCAAGGTACAGGAAGCAGAGATCACCCCTGCACTGCTACCTACATTTACCTGCT AGAAGTAAAAATTAGTTAAGTGGAAATGATTATCATATATATTTTCTCTTCTCTTTTGA ATGTACACAATGTAAACAAGAGTGACAGACCTGAAATTACAATCACAAACAAACCAAGA TAGTTGTTGTCCACTTTTATTGGCAAATACAGCACAGAGGACATTGTCTGCGAATTGGGA TGTCAATCAAGAGGAGGTGGTGGAGGCTCATTTCTTTTACTCTCTTTTAAATTTAGG TTTTCTAAAGCAACATCTAAAGGCATAATATCTACACAGCCCATAGCACAAAATCTGCC ATCTCCCCCGATCATCTCATGTGAGGATGAGCTCTTTCACGCACTAAAGTGGACAGA AGGAGCTCTTGGACAAACAGGCTGCGGTCTGCACGCTCGCTTTTTCATGGACTGGCGCTCC GTTTCAGACATTTTAAAGATCATTCAACCTTGTTAAAGAACTGGGAAATCTGAAAGGCTG CTGACTGCTTCTGTATACCTATGTTGGCTGTGCTGGGNATGTGGGATGGAGAGGGGACAC TGTGTTTAATCCCCGGTTGCTTGCCTGCGTCTCCAGTGTGCG</pre>
<b>Restriction Sites:</b>	NotI-NotI
<b>ACCN:</b>	NM_020122
<b>Insert Size:</b>	1770 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\\_020122.3](#), [NP\\_064507.3](#)

**RefSeq Size:** 2390 bp

**RefSeq ORF:** 1146 bp

**Locus ID:** 56888

**UniProt ID:** [Q9P0J7](#)

**Cytogenetics:** 2p11.2

**Domains:** ZnF\_ZZ, zf-C2H2

**Gene Summary:** Has intrinsic E3 ubiquitin ligase activity and promotes ubiquitination.[UniProtKB/Swiss-Prot Function]