

Product datasheet for **SC322170**

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:	Neomycin
Vector:	pCMV6-AC (PS100020)
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >OriGene sequence for SC322170
 CGCTCCCCTGCCACCCCGCCCCGCGGCCGAGCCCGGGAGTCGAGTGGGAGTCGGCCGG
 CCGGCGCGGGCAGCGCCGGGACCCCGGGGGGACACTGCAGCCGGAGCCCGGGAGGGCC
 GCGCCGCCACCGTCTGAACTAGGATGTCCCGACATGAAGTGTGAGTGTGATGCATGTT
 TAAAAGGAAATTTTCGAGGTGCGAGATAAAGTGTAAATTTGCTACGATTACGATCTTT
 GTGCATCTTGTTATGAAAGTGGTGAACAACAACAAGGCATACAACCTGACCACCCAATGC
 AGCAGCCACAGTCTTTACTTGTCCCTATTGTGGAAAAATGGGCTATACGGAGACATCTC
 TTCAAGAACATGTTACTTCTGAACATGCAGAAACATCAACAGAAGTGATTTGTCCAATAT
 GTGCAGCGTTACCTGGAGGCGATCCTAATCATGTACGGATGACTTTGCAGCTCATCTTA
 CACTTGAACACAGAGCCCTAGAGATTTAGATGAATCGAGTGGTGTTCGACATGTACGTA
 GAATGTTTCACCCCTGGCCGGGATTAGGAGTCTCGTGTCTGATAGTCAACATGCACT
 TTAGTACGAGTCTACTGGTGGACTTTCTTCTCTCAGAGTTCATATTCTCCAAGCAATA
 GGAAGCCATGGATCCTATAGCTGAGCTTTTATCTCAGTTATCAGGAGTGAGACGTTCTG
 CAGGAGGACAGCTTAATTCCTCTGGCCCTCCGCTTCTCAGTTACAACAACCTGCAGATGC
 AGCTGCAGCTAGAACGGCAGCATGCCAGGCAGCACGGCAACAACCTGGAGACCCGACGCA
 ACGCAACCCGGCGTACTAACACAAGCAGTGTACCACTACAATCACACAATCCACAGCAA
 CAACCAACATAGCTAATACAGAAAGCAGTCAAGAGTCTACAGAATCCAGTTTCTTT
 TAACAAGTTGAATGATCCTAAAATGTCTGAAACGGAGCGCCAGTCCATGGAAAGCGAGC
 GTGCAGACCGCAGCCTGTTGTCCAAGAGCTCCTTCTGTCCACTTTAGTGCCTGAAGAGA
 GCTCATCTCAGATGAGGATGATCGGGGGGAGATGGCAGATTTGGTGTATGGGCTGTG
 TAGATATTATGCCTTTAGATGTTGCTTTAGAAAACCTAAATTTAAAAGAGAGTAATAAG
 GAAATGAGCCTCCACCACCTCCTTTGATGACATCCAATTCGCAGACAATGTCTCTG
 TGCTGTATTTGCCAATGAAAGTGGACAACAACATCTTGGGTTTGGTGTATTGTAAT
 TTCAGTCTGTCACTCTTGTACATTGTGTACATTCAAAAAGGAAGAGAGAAAATATATAT
 GATAATCATTTCCACTTAACTAATTTTTACTTCTAGCAGGTAATGTAGGTAGCAGTGCA
 GGGGTGATCTCTGCTTCTGTACCTTGACATGCAAAAGGCTCTCCTAATACTCCACATTC
 AAACCTGAAGAGGAAAATTGAAATCTCTAATGAAGCTGCTGTGTATTTATGAATATTAA
 TGAATAAAAACCTGCTGGATGGTTACCTTAAAAAAAAAAAAAAAA

Restriction Sites: Please inquire

ACCN: NM_020122

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).

OTI Annotation: This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.

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_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]