

## Product datasheet for **RG201679**

### PCMF (KCMF1) (NM\_020122) Human Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	PCMF (KCMF1) (NM_020122) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	PCMF
Synonyms:	DEBT91; FIGC; PCMF; ZZZ1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
ORF Nucleotide Sequence:	>RG201679 representing NM_020122 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGTC**CCGACATGAAGGTGTCAGCTGTGATGCATGTTTAAAAGGAAATTTTCGAGGTCGCAGATATAAGT**  
GTTTAATTTGCTACGATTACGATCTTTGTGCATCTTGTATGAAAGTGGTCAACAACAACAAAGGCATAC  
AACTGACCACCAATGCAGTGCATATTAACAAGGGTAGATTTTGATTTACTATGGTGGGAAGCTTTC  
TCTGTAGAGCAGCCACAGTCTTTACTTGTCCCTATTGTGAAAAATGGGCTATACGGAGACATCTCTTC  
AAGAACATGTTACTTCTGAACATGCAGAAACATCAACAGAAGTGATTTGTCCAATATGTGCAGCGTTACC  
TGGAGGCGATCCTAATCATGTCACGGATGACTTTGCAGCTCATCTTACACTTGAACACAGAGCCCTAGA  
GATTTAGATGAATCGAGTGGTGTTCGACATGTACGTAGAATGTTTCACCCCTGGCCGGGATTAGGAGGTC  
CTCGTGCTCGTAGATCAAACATGCACCTTACTAGCAGTCTACTGGTGGACTTTCTTCTCTCAGAGTTC  
ATATTCTCCAAGCAATAGGGAAGCCATGGATCCTATAGCTGAGCTTTTATCTCAGTTATCAGGAGTGAGA  
CGTTCTGCAGGAGGACAGCTTAATTCCTCTGGCCCTCCGCTTCTCAGTTACAACAACACTGCAGATGCAGC  
TGCAGCTAGAACGGCAGCATGCCAGGCAGCACGGCAACAACACTGGAGACCGCACGCAACGCAACCCGGCG  
TACTAACACAAGCAGTGTCACTACTACAATCACACAATCCACAGCAACAACCAACATAGCTAATACAGAA  
AGCAGTCAGCAGACTCTACAGAATTCAGTCTTTTAAACAAGTTGAATGATCCTAAAATGTCTGAA  
CGGAGCGCCAGTCCATGAAAGCGAGCGTGCAGACCGCAGCCTGTTTGTCCAAGAGCTCCTTCTGTCCAC  
TTTAGTGCGTGAAGAGAGCTCATCCTCAGATGAGGATGATCGGGGGGAGATGGCAGATTTTGGTGTATG  
GGCTGTGTAGATATTAGCCTTTAGATGTTGCTTTAGAAAACCTAAATTTAAAAGAGAGTAATAAAGGAA  
ATGAGCCTCCACCACCTCCTCTT

AC**CGT**ACGCGGCCGCTCGAG - GFP Tag - GTTTAA



[View online »](#)

**Protein Sequence:** >RG201679 representing NM\_020122  
 Red=Cloning site Green=Tags(s)

MSRHEGVSCDACLKGNFRGRYKCLICYDYDLASCYESGATTTTRHTTDHPMQCILTRVDFDLYYGGEAF  
 SVEQPQSFTCPYCGKMGYTETSLQEHVTSSEAETSTEVICPICAALPGGDPNHVTDDFAAHLTLEHRAPR  
 DLDESSGVRHVRMFHPGRGLGGPRARRSNMHFTSSSTGGLSSSQSSYSPSNREAMDPIAELLSQLSGVR  
 RSAGGQLNSSGSPASQLQQLQMLQLERQHAQAARQQLLETARNATRRNTNTSSVTTTTITQSTATNIAANTE  
 SSQQLQNSQFLLTRLNDPKMSETERQSMESERADRSLFVQELLLSTLVREESSSDEDDRGEMADFGAM  
 GCVDIMPLDVALENLNLKESNKGNEPPPPPL

TRTRPLE - GFP Tag - V

**Restriction Sites:** SgfI-MluI

**Cloning Scheme:**



**ACCN:** NM\_020122

**ORF Size:** 1143 bp

**OTI Disclaimer:** The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)

**OTI Annotation:** This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

**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\\_020122.5](#)

**RefSeq Size:** 2390 bp

**RefSeq ORF:** 1146 bp

**Locus ID:** 56888

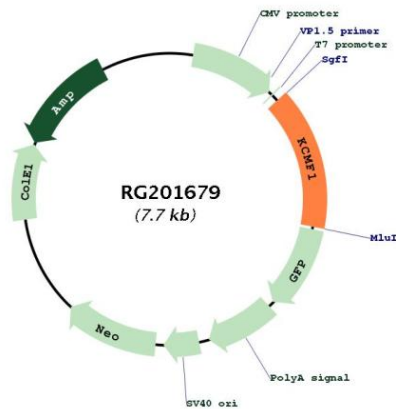
**UniProt ID:** [Q9P0J7](#)

**Cytogenetics:** 2p11.2

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

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

**Product images:**



Circular map for RG201679