

Product datasheet for RC201679

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:	Myc-DDK
Symbol:	PCMF
Synonyms:	DEBT91; FIGC; PCMF; ZZZ1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>RC201679 ORF sequence Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGTC**CCGACATGAAGGTGTCAGCTGTGATGCATGTTTAAAAGGAAATTTTCGAGGTCGCAGATATAAGT**
GTTTAATTTGCTACGATTACGATCTTTGTGCATCTTGTTATGAAAGTGGTCAACAACAACAAAGGCATAC
AACTGACCACCAATGCAGTGCATATTAACAAGGGTAGATTTTGATTTACTATGGTGGGAAGCTTTC
TCTGTAGAGCAGCCACAGTCTTTACTTGTCCCTATTGTGAAAAATGGGCTATACGGAGACATCTCTTC
AAGAACATGTTACTTCTGAACATGCAGAAACATCAACAGAAGTGATTTGTCCAATATGTGCAGCGTTACC
TGGAGGCGATCCTAATCATGTACGGATGACTTTGCAGCTCATCTTACACTTGAACACAGAGCCCTAGA
GATTTAGATGAATCGAGTGGTGTTCGACATGTACGTAGAATGTTTCACCCCTGGCCGGGATTAGGAGGTC
CTCGTGCTCGTAGATCAAACATGCACCTTACTAGCAGTCTACTGGTGGACTTTCTTCTCTCAGAGTTC
ATATTCTCCAAGCAATAGGGAAGCCATGGATCCTATAGCTGAGCTTTTATCTCAGTTATCAGGAGTGAGA
CGTTCTGCAGGAGGACAGCTTAATTCCTCTGGCCCTCCGCTTCTCAGTTACAACAACACTGCAGATGCAGC
TGCAGTAGAACGGCAGCATGCCAGGCAGCACGGCAACAACACTGGAGACCGCACGCAACGCAACCCGGCG
TACTAACACAAGCAGTGTCACTACAATCACACAATCCACAGCAACAACCAACATAGCTAATACAGAA
AGCAGTCAGCAGACTCTACAGAATCCCAGTTTCTTTTAAACAGGTTGAATGATCCTAAAATGTCTGAAA
CGGAGCGCCAGTCCATGAAAGCGAGCGTGCAGACCGCAGCCTGTTTGTCCAAGAGCTCCTTCTGTCCAC
TTTAGTGCGTGAAGAGAGCTCATCCTCAGATGAGGATGATCGGGGGGAGATGGCAGATTTTGGTGTATG
GGCTGTGTAGATATTATGCCTTTAGATGTTGCTTTAGAAAACCTAAATTTAAAAGAGAGTAATAAAGGAA
ATGAGCCTCCACCACCTCCTCTT

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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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.

Note: Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.

RefSeq: [NM_020122.5](#)

RefSeq Size: 7555 bp

RefSeq ORF: 1146 bp

Locus ID: 56888

UniProt ID: [Q9P0J7](#)

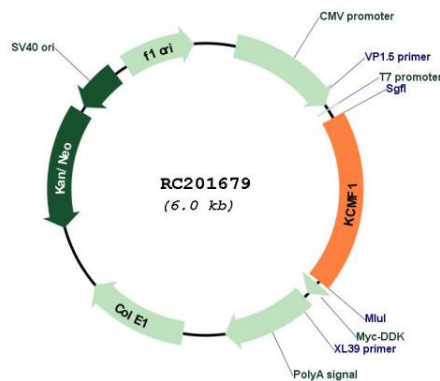
Cytogenetics: 2p11.2

Domains: ZnF_ZZ, zf-C2H2

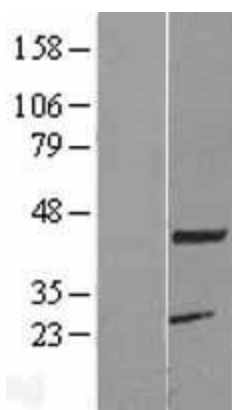
MW: 41.9 kDa

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

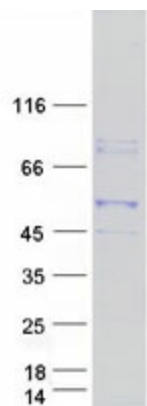
Product images:



Circular map for RC201679



Western blot validation of overexpression lysate (Cat# [LY412662]) using anti-DDK antibody (Cat# [TA50011-100]). Left: Cell lysates from untransfected HEK293T cells; Right: Cell lysates from HEK293T cells transfected with RC201679 using transfection reagent MegaTran 2.0 (Cat# [TT210002]).



Coomassie blue staining of purified KCMF1 protein (Cat# [TP301679]). The protein was produced from HEK293T cells transfected with KCMF1 cDNA clone (Cat# RC201679) using MegaTran 2.0 (Cat# [TT210002]).