

Product datasheet for MC217689

Cct6a (BC018459) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Cct6a (BC018459) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Cct6a
Synonyms:	CCT-zeta; CCT-zeta-1; Cct6; Cctz-1; TCP-1-zeta
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>BC018459 Red=Cloning site Blue=ORF Green=Tags(s)

TTTGTAAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGC**C

ATGGACAGAGAAACACTCATCGATGTGGCCAGGACATCTCTGCGGACTAAAGTTCATGCTGAACCTTGCAG
ATGTCTTGACAGAGGCTGTAGTGGACTCCATCTTGCCATTAGGAAAAAGGACGAGCCCATTGACCTCTT
CATGGTTGAGATCATGGAGATGAAGCATAAATCTGAGACAGATACAAGCTTAATCAGAGGGCTTGTTTTG
GATCATGGAGCTCGGCATCCTGATATGAAGAAGAGAGTGGAAAAATGCCTACATCCTCACGTGCAACGTGT
CCTTAGAGTATGAGAAACAGAAGTGAATTCTGGGTTTTTTACAAGAGTGCAGAAGAGAGAGAAAACT
AGTAAAGGCTGAAAGAAAATTCATTGAAGATAGAGTTAAAAAATCATAGAGCTGAAAAAGAAAGTCTGT
GGTGACTCAGATAAAGGATTTGTCGTTATTAATCAAAAGGGGATTGACCCCTTTTCCTTAGATGCCCTTG
CGAAAGAAGGGATCGTAGCTCTGCGCAGAGCCAAGAGGAGAAACATGGAGAGGCTGACACTTGCTTGTTGG
TGGGATAGCTCTGAATTCCTTTGATGACCTGAATCCTGACTGTTTGGGACATGCAGGGCTTGCTATGAG
TATACACTGGGTGAGGAGAAGTTCACCTTTATTGAGAAGTGAACAATCCCCGTTCTGTCACTTTACTGG
TTAAAGGACCAATAAGCACACACTGACTCAAATCAAGGATGCAATAAGAGATGGCTTGAGGGCTGTCAA
AAATGCTATTGATGATGGCTGTGTTGTCCAGGTGCGGGTGCAGTAGAAGTGGCACTGGCAGAAGCTCTG
ATTAAATACAAGCCCAGTGTGAAGGGCAGGGCGCAGCTTGAGATCCAGGCATTTGCAGATGCCTTGCTCA
TCATTCCCAAGGTTCTTGCGCAAACTCTGTTTTGACCTTCAGGAAACATTAGTTAAAGTTCAAGCTGA
ACATTCAAGATCGGGCCAGCTCGTAGGTGTGGATCTGAGCACAGGTGAGCCGATGGTGGCCGAGAGATG
GGTGTGTGGGATAACTACTGTGTGAAGAAGCAGCTGCTACACTCCTGTACTGTGATCGCCACCAACATTC
TCCTGGTCGACGAGATCATGCGAGCTGGGATGTCCTCTCTGAAGGGTTGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCTGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA


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Restriction Sites:	Sgfl-Mlul
ACCN:	BC018459
Insert Size:	1170 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.
Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	<u>BC018459</u> , <u>AAH18459</u>
RefSeq Size:	1795 bp
RefSeq ORF:	1169 bp
Locus ID:	12466
Cytogenetics:	5 G1.3
Gene Summary:	Component of the chaperonin-containing T-complex (TRiC), a molecular chaperone complex that assists the folding of proteins upon ATP hydrolysis. The TRiC complex mediates the folding of WRAP53/TCAB1, thereby regulating telomere maintenance. The TRiC complex plays a role in the folding of actin and tubulin.[UniProtKB/Swiss-Prot Function]