

Product datasheet for **MC217558**

Cct6a (NM_009838) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Cct6a (NM_009838) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Cct6a
Synonyms:	CCT-zeta; CCT-zeta-1; Cct6; Cctz-1; TCP-1-zeta
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



[View online »](#)

Fully Sequenced ORF: >MC217558 representing NM_009838
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGCGCGGTAAGACCCTAAATCCGAAGGCCGAGGTGGCCCGGCCAGGCAGCGCTGGCGGTGAACA
 TCAGCGCGCTCGGGCCTGCAGGATGTTCTGAGGACCAACTTGGGCCTAAGGGCACCATGAAGATGCT
 TGTATCTGGTGGAGACATCAAATTAAGATGGCAATGTCTGCTTTCATGAAATGCAAATTCAA
 CACCCAACAGCCTCTTTGATAGCAAAGTGGTACAGCCAGGATGACATAACTGGCGATGGCACTACAT
 CCAATGTCCTCATCATCGGGGAGCTGCTCAAACAGGCGGACCTGTACATTTCTGAAGGTCTTACCCAAG
 AATAAATACTGAAGGTTTTGAAGCGCAAAAGAAAAGGCACTCCAATTTCTGGAACAAGTCAAAGTAAGC
 AAAGAGATGGACAGAAACACTCATCGATGTGGCGAGGACATCTCTGCGGACTAAAGTTTCATGCTGAAC
 TTGAGATGTCTTACAGAGGCTGTAGTGGACTCCATCTTGCCATTAGGAAAAAGGACGAGCCATTGA
 CCTCTTATGGTTGAGATCATGGAGATGAAGCATAAATCTGAGACAGATAACAAGTTAATCAGAGGGCTT
 GTTTGGATCATGGAGCTCGGCATCCTGATATGAAGAAGAGAGTGAAAAATGCCTACATCCTCACTTGCA
 ACGTGTCTTAGAGTATGAGAAAACAGAAGTGAATTCTGGGTTTTTTACAAGAGTGCAGAAGAGAGAGA
 AAAACTAGTAAAGGCTGAAAGAAAATTCATTGAAGATAGAGTTAAAAAATCATAGAGCTGAAAAAGAAA
 GTCTGTGGTGACTCAGATAAAGGATTTGTCGTTATTAATCAAAAGGGGATTGACCCCTTTTCCTTAGATG
 CCCTTGCAGAAAGGGATCGTAGCTCTGCGCAGAGCCAAGAGGAGAAACATGGAGAGGCTGACACTTGC
 TTGTGGTGGGATAGCTCTGAATTCCTTTGATGACCTGAATCCTGACTGTTTGGGACATGCAGGGCTTGC
 TATGAGTATACTGGGTGAGGAGAAGTTCACCTTTATTGAGAAGTGAACAATCCCCGTTCTGTCACTT
 TACTGGTTAAAGGACCAATAAGCACACACTGACTCAAATCAAGGATGCAATAAGAGATGGCTTGAGGGC
 TGTCAAAAATGCTATTGATGATGGCTGTGTTGTCCCGGGTGCGGGTGCAGTAGAAGTGGCACTGGCAGAA
 GCTCTGATTAATAACAAGCCAGTGTGAAGGCCAGGGCGCAGCTTGGAGTCCAGGCATTTGCAGATGCCCT
 TGCTCATCATTCCAAGTTCTTGCGCAAACTCTGGTTTTGACCTTCAGGAAACATTAGTTAAAGTTCA
 AGCTGAACATTCAGAATCGGGCCAGCTCGTAGGTGTGGATCTGAGCACAGGTGAGCCGATGGTGGCCGCA
 GAGATGGGTGTGGGATAACTACTGTGTGAAGAAGCAGCTGCTACACTCCTGTACTGTGATCGCCACCA
 ACATTCTCTGGTCGACGAGATCATGCGAGCTGGGATGTCCTCTGAAGGGT**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-Mlul

ACCN: NM_009838

Insert Size: 1596 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.

RefSeq: [NM_009838.2](#), [NP_033968.1](#)

RefSeq Size: 2303 bp

RefSeq ORF: 1596 bp

Locus ID: 12466

UniProt ID: [P80317](#)

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]