OriGene Technologies, Inc.
9620 Medical Center Drive, Ste 200
Rockville, MD 20850, US
Phone: +1-888-267-4436
https://www.origene.com
techsupport@origene.com
EU: info-de@origene.com
CN: techsupport@origene.cn

Product datasheet for MC202615

Cct4 (NM_009837) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Cct4 (NM_009837) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Cct4
Synonyms:	2610204B21Rik; A45; C78323; Cctd
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)

View online »

Fully Sequenced ORF:

>BC054773 sequence for NM_009837
CCCGGCGTCGCTTTCTGGAAGGTTCGTGGAGGAGGCGGTCAGGGAGACCGTTACTCCACAGCAAGCCGGA
ATCCGTGTCCATCCGTCCTCCTGAACCCGCGCAGACGCCACCAAGGTCGCCATGCCGGAGAACGTAGCTT
CCCGAAGCGGGGCGCCCACCGCCGGGCCCGGCAGCCGCGGGAAAAGCGCCTACCAGGACCGCGACAAGCC
AGCCCAGATCCGCTTCAGCAATATTTCCGCAGCCAAAGCGGTTGCTGATGCTATTAGAACAAGCCTTGGA
CCTAAAGGAATGGACAAAATGATTCAAGATGGAAAAGGCGATGTGACCATTACAAATGATGGTGCCACCA
TTCTGAAACAAATGCAGGTATTGCATCCAGCAGCCAGAATGCTGGTGGAATTGTCTAAAGCTCAAGACAT
AGAAGCAGGAGATGGCACCACGTCGGTTGTCATCATTGCTGGCTCTCTTTTAGACTCCTGTACCAAACTT
CTGCAGAAAGGTATACATCCAACCATCATTTCCGAGTCATTCCAGAAAGCTTTGGAAAAGGGTCTTGAAA
TCCTTACTGACATGTCTCGACCTGTGCAACTGAGCGACAGAGAAACTTTGTTAAATAGCGCAACTACTTC
ATTGAATTCAAAGGTTGTCTCTCAGTATTCAAGTCTACTCTCTCCAATGAGTGTCAATGCGGTGATGAAA
GTGATTGACCCAGCCACAGCTACCAGTGTAGATCTTCGAGATATTAAAATAGTTAAGAAGCTTGGTGGGA
CAATAGATGACTGTGAGCTGGTGGAAGGCCTCGTTCTCACACAGAAAGTAGCAAATTCTGGCATAACAAG
AGTTGAAAAGGCTAAGATTGGGCTTATTCAGTTTTGCTTATCTGCTCCTAAAACAGATATGGATAATCAA
ATAGTAGTATCTGACTATGCCCAGATGGATCGAGTGCTTCGAGAGGAGAGAGCCTATATTTTAAATTTGG
TGAAGCAAATTAAGAAAACAGGATGTAATGTCCTTCTCATACAGAAGTCTATCCTGAGAGATGCCCTTAG
TGATCTTGCATTACATTTTCTGAATAAGATGAAGATTATGGTGGTTAAGGACGTTGAAAGAGAAGACATT
GAATTCATCTGTAAGACAATTGGAACCAAACCAGTTGCTCACATTGACCAGTTCACTGCTGACATGCTGG
GTTCTGCTGAGTTAGCAGAGGAAGTCAGTTTAAATGGTTCTGGAAAACTATTCAAGATTACAGGTTGTAC
AAGCCCAGGGAAAACAGTTACAATTGTCGTACGTGGTTCTAACAAACTGGTGATTGAAGAAGCTGAGCGC
TCCATTCATGATGCTCTCTGTGTCATCCGATGCTTAGTAAAGAAAAGAGCTCTTATTGCAGGAGGTGGTG
CTCCAGAAATAGAGCTGGCCCTCAGACTGACAGAGTACTCCCGAACACTGAGTGGTATGGAGTCCTACTG
TGTTCGTGCTTTCGCGGATGCTATGGAAGTCATTCCATCTACACTAGCTGAAAATGCTGGCCTGAATCCC
ATTTCTACAGTAACAGAGCTAAGAAACCGCCATGCCCAAGGAGAAAAAACTACAGGCATTAATGTCCGAA
AGGGTGGGATCTCCAACATTTTGGAGGAAATGGTTGTTCAGCCTCTGTTGGTGTCAGTCAGTGCTTTGAC
CTTAGCAACTGAAACTGTGCGGAGCATTCTGAAAATCGATGATGTGGTAAATACTCGATAATCTGGATAA
AAGGATGGTTGACTGCATCATTATGGACAGAAGTACTGTGGCTGGAATGAAGGACAACCACCTTGTTCCT
TGTCTGGAAGCTTCAGAGTTTTTGGACATTGTCTTCCAGTTGGCATTTGTTTGAAATTGTATTGAAACAA
TTTAATGAAAACATTAAATACTTGGTTTTAAACTCCAAAAAAAAAAAAAAAAAAAAAAA

Restriction Sites: AscI-NotI

ACCN: NM_009837

Insert Size: 1620 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:	BC054773, AAH54773
RefSeq Size:	1949 bp
RefSeq ORF:	1620 bp
Locus ID:	12464
UniProt ID:	P80315
Cytogenetics:	11 14.25 cM
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. As part of the TRiC complex may play a role in the assembly of BBSome, a complex involved in ciliogenesis regulating transports vesicles to the cilia. The TRiC complex plays a role in the folding of actin and tubulin.[UniProtKB/Swiss-Prot Function]