

Product datasheet for **MR219047**

Cct6b (NM_009839) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Tag:	Myc-DDK
Symbol:	Cct6b
Synonyms:	CCT-zeta-2; Cctz-2; CCTzeta-2; TCP-1-zeta-2
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



ORF Nucleotide Sequence: >MR219047 representing NM_009839
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCGCGATCGCC

ATGGCTGCGATCAAATCGCTAACCTGGCGCTGAAGTGACCCGGAGCCAAGCGGCCTTGGCTGTGAACA
 TCTGCGCCGCCGTGGGCTGCAGGATGTGCTGCCACCTTGGGTCCTAAGGGCGCGCTAAAAATGCT
 TGTTTTCTGGGCGAGGTGACATCAAACCTACCAAAGACGGCAATGTACTGCTTCATGAGATGCAAAATTCAA
 CACCAACGGCTTCCATCATTGCAAAAGTGGCAGCAGCCCAAGACCATGTCACAGGGGATGGCACTACCT
 CAAATGTCCTGATCATTGGAGAGTTGCTAAAGCAAGCTGATCTTTACATTTCTGAGGGCTGCACCCTAG
 AATCATAACTGAAGGATTGTGTTGCAAAAGACGAAAGCACTTGAAGTTTGGATGAAATTAAGTACAA
 AAGGAGATGAAAGAGAAATCCTCTGGATGTGGCTAGAACATCCCTGCAGACGAAAGTTTATGCTGAAC
 TGGCCGACATACTAACAGAGGCTGTGGTGGATTCTGTCTGGCTATCAGAAGACCAGGTGTCCTTATTGA
 TCTCTTCATGGTGGAAATTGTGGAGATGAGGCACAAGTCAGAAACGGACACACAGTTGATCCGAGGATTG
 GTTTTGGACCATGGTGGCGTCATCCAAGGATGAGGAAGCAGGTGCGAGATGCATACATCCTCACTTGCA
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 GAAATTGGTAAAAGCTGAAAGAAAATTTATTGAAGATAGAGTGCAGAAAATAATAGACCTAAAGCAGAAA
 GTCTGTGCTGAGTCCAATAAAGGATTGTGTCTTAAATCAAAGGGCATCGATCCGGTTTCTTAGAAA
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 TTGTGGAGGATTGGCTGTCACTCCTTTGAAGGCTGAGTGAAGAGTGCCTGGGGCAGCTGGCCTTGTCT
 TTCGAGTACGATTGGGTGAAGAAAAGTTCACTTTTATTGAGGACTGTGTAATCCGCTCTCTGTCACT
 TGTTGGTCAAAGGGCCAAATAAGCATACTCTCATAAGATCAAGGACGCTTAAGAGATGGACTCCGTGC
 GGTCAAAAATGCTATTGAAGACGGCTGTGTGGTTCCAGGGGCTGGGGCAGTGGAAAGTTGCGATAGCAGAA
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 TGCTCATCATCCGAAGGTTCTTGCTCAGAATTCTGTTATGACCTGCAGGAACACTGATAAAATTC
 AACTAAACATGCCGAATCAAAAGAACTCTGGGCATAGACCTGAACACAGGGGAGCCGATGGCAGCAGCA
 GAAGCAGGAATCTGGGATAATTACTGTGTGAAAAAACATCTTCTTCACTCTTGACCGGTGATTGCCACCA
 ACATCTCTGTTGATGAAATTATGCGAGCTGGGATGTCTTCTCTTAGAGAC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >MR219047 representing NM_009839
 Red=Cloning site Green=Tags(s)

MAAIKIANPGAIEVTRSQAAALAVNICAARGLQDVLRLPTLGPKGALKMLVSGAGDIKLTGDGNVLLHEMQIQ
 HPTASIIAKVAAAQDHVTGDGTTSNVLIIGELLKQADLYISEGLHPRIITEGFDVAKTKALEVLDEIKVQ
 KEMKREILLDVARTSLQTKVHAELADILTEAVVDSVLAIRRPVPIDLFMVEIVEMRHKSETDTQLIRGL
 VLDHGARHPRMRKQVRDAYILTCNVSLYEKTEVSSGFFYKTVEEKEKLVKAERKFIEDRVQKIIDLKQK
 VCAESNKGFFVINQKIDPVSLEMLAKHNIVALRRARRNLRLTLACGLAVNSFEGLSEECLEHAGLV
 FEYALGEEKFTFIEDCNPLSVTLTVKGNKHTLIQIKDALRDGLRAVKNAIEDGCVVPGAGAVEVAIAE
 ALVNYKHRVQGRVRLGIQAFADALLIIPKVLQNSGYDLQETLIQIKHAESKELLGIDLNTGEPMAAA
 EAGIWDNYCVKKHLLHSCTVIATNILLVDEIMRAGMSSLRD

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Chromatograms: https://cdn.origene.com/chromatograms/mm9057_c11.zip

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM_009839

ORF Size: 1593 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.

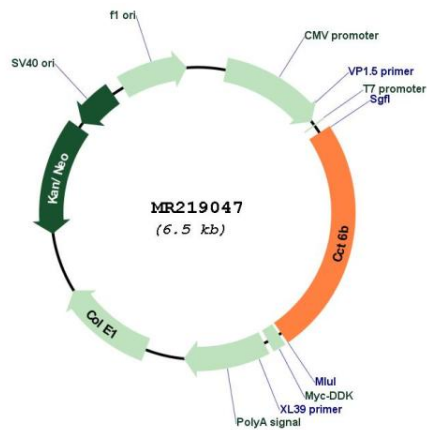
Note: Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.

RefSeq: [NM_009839.3](#), [NP_033969.2](#)

RefSeq Size: 1817 bp

RefSeq ORF:	1596 bp
Locus ID:	12467
UniProt ID:	Q61390
Cytogenetics:	11 C
MW:	58.2 kDa
Gene Summary:	Component of the chaperonin-containing T-complex (TRiC), a molecular chaperone complex that assists the folding of proteins upon ATP hydrolysis.[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for MR219047