

Product datasheet for **SC122749**

CCT6B (NM_006584) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	CCT6B (NM_006584) Human Untagged Clone
Tag:	Tag Free
Symbol:	CCT6B
Synonyms:	CCT-zeta-2; CCTZ-2; Cctz2; TCP-1-zeta-2; TSA303
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >OriGene sequence for NM_006584 edited
 GGTTAGGCTATGGCTGCGATAAAGGCCGTCAACTCCAAGGCTGAGGTGGCGCGGGCCAG
 GCAGCTTTGGCTGTCAATATATGCGCCGCCGAGGGCTGCAGGATGTGCTGCGGACCAAC
 TTGGGTCTTAAAGGCACCATGAAATGCTTGCTTCTGGTGAGGTGACATCAAATCACC
 AAAGATGGCAATGTAAGTCTGATGAGATGCAATTCACATCCAACAGCTTCTTGATA
 GCAAAAGTAGCAACAGCTCAGGATGACGTACAGGAGATGGTACTACTTCAAATGTTCTA
 ATTATTGGAGAGTTATTTAAACAAGCTGACCTGTACATTTCTGAGGGCCTGCACCCTAGA
 ATAATAGCTGAAGGATTTGAAGCTGCAAAAGATAAAAGCACTTGAAGTTTTGGAGGAAGTT
 AAAGTGACAAAGGAGATGAAAAGAAAAATCCTCTTAGATGTAGCTAGAACATCATTACAA
 ACTAAAGTTCATGCTGAAGTGGCTGATGTCTTAACAGAGGTTGTGGTGGATTCTGTTTTG
 GCTGTTAGAAGACCAGGTTACCCTATTGATCTCTTCATGGTAGAAATAATGGAGATGAAG
 CATAAATTAGGAACAGATACAAAGTTGATCCAAGGATTAGTTTTGGATCATGGTGCCCGT
 CATCCAGATATGAAGAAGCGAGTAGAAGATGCATTTATCCTTATTTGCAACGTTTCACTG
 GAATATGAAAAACAGAGGTGAAGTCTGGTTTCTTTTATAAGACTGCAGAAGAGAAAGAG
 AAATTGGTAAAGCTGAAAGAAAAATTTATTGAAGATAGAGTACAAAAAATAATAGACCTG
 AAGGACAAAGTCTGTGCTCAGTCAAATAAAGGATTTGTCGTCATTAATCAAAAGGGAATT
 GATCCATTTTCTTAGATTCTCTTGCAAAACATGGAATAGTAGCTCTTCGAGAGCAAAA
 AGAAGAAATATGGAAAGACTCTCTCTTGCTTGTGGTGGATGGCCGTGAATTCCTTTGAA
 GATCTCACTGTAGATTGCTTGGGACATGCTGGTCTTGTGTATGAGTATACATTAGGTGAA
 GAAAAGTTCACTTTTATTGAGGAGTGTGTTAACCTTGCTCTGTTACCTTGTGTTAA
 GGACCAAAATAGCATACTCTCACACAAGTCAAGGATGCCATAAGAGATGGACTTCGTGCT
 ATCAAAAATGCCATTGAAGATGGTTGTATGGTTCTGGAGCTGGTGCAATTGAAGTGGCA
 ATGGCTGAAGCTCTTGTACATATAAGAACAGTATAAAGGAAGAGCTCGTCTTGGAGTC
 CAAGCTTTTGTGATGCCTTACTCATTATTTCCCAAGGTTCTTGCTCAGAATGCTGGTTAT
 GACCCACAGGAAACATTAGTAAAGTTCAGGCTGAGCATGTCGAGTCAAAACAATTGTG
 GGCGTAGATTTGAATACAGGTGAGCCAATGGTAGCAGCAGATGCAGGAGTTTGGGATAAT
 TATTGTGTAACAAAAACAATTCTTCACTCTTGACAGTATTGCCACCAACATTCTCCTG
 GTTGATGAAATTATGCGAGCTGGGATGTCTTCTCTCAATGATGATTGAATTCAAATCA
 ACCCTTCTAGAAGATGAAATTTAGTACACTTTACATCTGACTACTATTGTGTAGCCTGAG
 CCATTCTGAATTTCTACACAATAAATGCAGTTTATGTCGAAAAAAAAAAAAAAAAA

5' Read Nucleotide Sequence: >OriGene 5' read for NM_006584 unedited
 GTCAGAATATTTGAATACGACTCACTATAGGGCGGCCGCATAACTTCGTATAGCATACA
 TTATACGAAGTTATGGATCAGGCCAAATCGGCCGAGCTCGAATTCGTGAGAGCGGGGTT
 AGGCTATGGCTGCGATAAAGGCCGTCAACTCCAAGGCTGAGGTGGCGCGGGCCAGGCAG
 CTTTGGCTGTCAATATATGCGCCGCCGAGGGCTGCAGGATGTGCTGCGGACCAACTTGG
 GTCCTAAAGGCACCATGAAATGCTTGCTTCTGGTGAGGTGACATCAAATCACCAGAG
 ATGGCAATGTAAGTCTGATGAGATGCAATTCACATCCAACAGCTTCTTGATAGCAA
 AAGTAGCAACAGCTCAGGATGACGTACAGGAGATGGTACTACTTCAAATGTTCTAATTA
 TTGGAGAGTTATTTAAACAAGCTGACCTGTACATTTCTGAGGGCCTGCACCCTAGAATAA
 TAGCTGAAGGATTTGAAGCTGCAAAGATAAAAGCACTTGAAGTTTTGGAGGAAGTTAAAG
 TGANCAAGGAGATGAAAAGAAAAATCCTCTTAGATGTAGCTAGAATCATTACAACTA
 AAGTTCATGCTGAAGTGGCTGATGTCTTAACAGAGGTTGTGGNTGGATTTCTGTTTTGGC
 TGTTANAAGACCAGGTTACCCTATTGATCTCTTATGGTAGAAATAATGGAGATGAAGGC
 ATAATTAGGAACAGATACCAAGTTGATCCAAGGATAGTTTGGATCATGGTGCCCGTCAT
 CCCGAATTGAGAAGCGAGTANAAGAGCATTATCCCTTATTTGCAGTTTCACTGGATAAG
 AAAACAGAGTGAAGTCCGGTTTCTTTATAGACTGCGAAGAGAAGAGAAATGGTAAAGC
 TAAAGAAATTTATTGAGAAAGGTAC

Restriction Sites: Please inquire
ACCN: NM_006584

Insert Size:	1740 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:	<u>NM_006584.2</u> , <u>NP_006575.2</u>
RefSeq Size:	1828 bp
RefSeq ORF:	1593 bp
Locus ID:	10693
UniProt ID:	<u>Q92526</u>
Cytogenetics:	17q12
Gene Summary:	This gene encodes a molecular chaperone that is a member of the chaperonin-containing TCP1 complex (CCT), also known as the TCP1 ring complex (TRiC). This complex consists of two identical stacked rings, each containing eight different proteins. Unfolded polypeptides enter the central cavity of the complex and are folded in an ATP-dependent manner. The complex folds various proteins, including actin and tubulin. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Feb 2015] Transcript Variant: This variant (1) represents the longest transcript and encodes the longest isoform (1).