

Product datasheet for MC203673

Cct8 (NM_009840) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Cct8 (NM_009840) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Cct8
Synonyms:	A1132397; Cctq; Tcq
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)

Fully Sequenced ORF: >BC009007

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CTCGGAGCGAGCGGTGAGCGGTGGACTGCGGCCGAGCCATGGCGCTTACGTCCTCCCAAGGCCCGGGCT
TTGCCAGATGCTCAAGGATGGAGCCAAACATTTCTCGGATTAGAAGAGGCTGTGTATAGAAATATACA
GGCCTGCAAGGAGCTTGCTCAGACTACTCGCACAGCGTACGGACCAAATGGAATGAATAAAATGGTCATC
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CTGCTGCAAAGATGATAGTGATGGCCTCTCATATGCAAGAACAAGAGGTTGGTGTGGCACAACCTCGT
TCTGGTGTTCGCTGGGGCTCTTCTGGAAGTACTGAAAGAACTTCTGAGGATTGGCCTGTCAGTATCAGAG
GTAATATCGGGGTATGAAATAGCTTGCAAAAAAGCTCATGAGATCCTTCTGAGTTGGTATGTTGTTCTG
CCAAAAACCTTCGAGATGTTGATGAAGTGCCTCTCTGCTTCGAACCTCCATCATGAGTAAGCAGTACGG
CAGCGAGACGTTTTGGCCAAGCTTATTGCTCAGGCTTGTGTTTCTATCTTCTGATTCTGGCAATTC
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CATCATGGCAAACCAGCTGGTGGGCCAAACCTCCAAGTGGGAAGAAGGACTGGGATGACGACCAGAAT
GACTGAGGAACCTGTGATAGGTTAAGAGTTGTGTTTGTAGAGTAGAACTTGCCAGTGTTTTATTTTCT
TATTTGTGTTTACTCTGCTGGTGGTACAATAAATGTGTTACTGTTAAAAAAAAAAAAAAAAA

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Restriction Sites:	RsrII-NotI
ACCN:	NM_009840
Insert Size:	1647 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:	<ol style="list-style-type: none">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>BC009007</u> , <u>AAH09007</u>
RefSeq Size:	1813 bp
RefSeq ORF:	1647 bp
Locus ID:	12469
UniProt ID:	<u>P42932</u>
Cytogenetics:	16 C3.3
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. 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]