

## Product datasheet for **MC200252**

### Cct7 (NM\_007638) Mouse Untagged Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Cct7 (NM\_007638) Mouse Untagged Clone  
**Tag:** Tag Free  
**Symbol:** Cct7  
**Synonyms:** AA408524; AL022769; Ccth; Cctz  
**Mammalian Cell Selection:** Neomycin  
**Vector:** PCMV6-Kan/Neo (PCMV6KN)  
**E. coli Selection:** Kanamycin (25 ug/mL)

**Fully Sequenced ORF:** >BC008255 sequence for NM\_007638  
 GAGGCGGACAACCTGACGAGTTGCGGGTACCTGAAGCCGCTTCCAAGATGATGCCACACCAGTTATCCTG  
 TTGAAAGAGGGTACTGATAGCTCCAGGGCATCCCTCAGCTCGTGAGTAACATCAGTGCCTGCCAAGTGA  
 TTGCTGAGGCTGTAAAGAACCCCTGGGTCCCCGTGGCATGGACAAACTTATTGTGGATGGCCGAGGCAA  
 AGCAACAATATCTAATGATGGGGCCACAATTCTGAAACTCCTCGATGTTGTCCATCCTGCAGCAAAGACT  
 TTAGTGGACATAGCCAAGTCCCAGGATGCTGAGGTTGGTATGGCACCACCTCAGTGACCCTGCTGGCTG  
 CGGAGTTTCTGAAGCAGGTGAAGCCCTACGTGGAAGAAGGTTTACACCCTCAGATCATCATCCGAGCTTT  
 CCGCACAGCCACCCAATTGGCTGTTAACAAAATCAAAGAGATAGCTGTGACTGTGAAGAAGCAAGATAAA  
 GTAGAGCAGAGGAAGATGCTGGAGAAGTGTGCGATGACAGCCCTGAGCTCCAAGCTGATCTCCAGCAGA  
 AGGTCTTCTTCGCAAGATGGTGGTTGATGCCGTGATGCTTGACGAGCTGCTGCAGCTTAAATGAT  
 TGGCATCAAGAAGGTGCAGGGGGGAGCCCTGGAGGAGTCTCAGCTAGTTGCTGGTGTTCGTTCAAGAAG  
 ACTTTCTTTATGCTGGGTTTGAATGCAGCCCAAGAAGTATAAGAACCCTCAAGATTGCCCTCTTAAATG  
 TTGAGCTTGAGCTGAAAGCAGAGAAAGATAATGCTGAAATCAGAGTCCACACAGTGGAGGATTACAGGC  
 AATTGTTGATGCCGAGTGAATATTCTCTATGACAAGTTAGAGAAGATCCATCAGTCTGGAGCCAAAGTC  
 ATCTTGCTAAACTCCCTATTGGGGATGTGGCCACCCAGTACTTTGCTGATAGGGACATGTTCTGTGCTG  
 GCCGAGTGCTGAGGAGGATCTGAAGAGGACGATGATGGCTTGTGGAGGCTCAATCCAGACCAGTGTGAA  
 TGCTCTGGTTCAGATGTGCTGGGCCACTGCCAAGTGTGTAAGAGACCCAAATTGGAGGAGAGAGGTAC  
 AATTTCTTCACTGGCTGCCCTAAGGCCAAGACATGTACCATCATCCTCCGTGGTGGCCCTGAGCAGTTTA  
 TGAAGAGACAGAGAGGTCCCTACATGATGCCATCATGATTGTGAGGAGGGCCATCAAGAATGACTCTGT  
 GGTGGCTGGTGGTGGAGCCATCGAGATGGAATTTCCAAATACCTGCGGGATTACTCGAGGACCATTCTT  
 GGAAGCAGCAGCTGTTGATTGGGCATATGCCAAGGCCCTGGAGATTATTCCACGACAGCTATGTGACA  
 ACGCTGGCTTTGATGCCACAAACATCCTCAACAAGCTGCGGGCTCGACACGCACAGGGAGGTATGTGGTA  
 TGGGGTGGACATCAACAATGAGAACATCGCCGACAACCTCCAGGCATTTGTGGGAGCCAGCCATGGTG  
 CGCATCAACGCTCTGACAGCAGCTTCTGAGGCTGCATGCCTTATTGTGCCGTGGATGAGACTATCAAGA  
 ACCCCCGTCCACTGTGGATCCTCCAGTCCATCAGCTGGCCGTGGCAGAGGCCAAGCCCGTCCACTG  
 AGAGGCGAGGCGGTCTGCACCTCCTTGTGAGGTGAGGGGGTGGATGAGAAGATGGTTGCTGGTCTGCTGG  
 GTTCTCACTGAGGTTATTTAAATAAAGCTTAAGGTTAAAAAAAAAAAAAAAAAAAA



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<b>Restriction Sites:</b>	RsrII-NotI
<b>ACCN:</b>	NM_007638
<b>Insert Size:</b>	1635 bp
<b>OTI Disclaimer:</b>	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).
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<a href="#">BC008255</a> , <a href="#">AAH08255</a>
<b>RefSeq Size:</b>	1803 bp
<b>RefSeq ORF:</b>	1635 bp
<b>Locus ID:</b>	12468
<b>UniProt ID:</b>	<a href="#">P80313</a>
<b>Cytogenetics:</b>	6 C3
<b>Gene Summary:</b>	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]