

Product datasheet for **RN212169**

Cct5 (NM_001004078) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Cct5 (NM_001004078) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Cct5
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN212169 representing NM_001004078
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGCGTCCGTGGGGACCCTCGCCTTCGATGAGTATGGGCGCCCTTTCTTATTATCAAGGACCAAGATC
 GCAAGTCTCGTCTCATGGGGCTTGAGGCCCTCAAGTCTCACATCATGGCTGCCAAAGCTGTAGCAAACAC
 AATGCGGACGTCCTGGGACCAAACGGGCTGGATAAGATGATGGTTGATAAGGATGGTGTGACTGTG
 ACCAACGATGGTGCCACCATTCTAAGCATGATGGATGTTGATCATCAGATTGCCAAGCTGATGGTTGAAC
 TGTCCAAATCCCAGGATGATGAAATGGAGATGGGACCACAGGAGTGGTTGTCTTGGCTGGTCCCTGTT
 GGAAGAAGCTGAGCAGCTGCTGGACCGAGGCATCCATCCTATCAGAATTGCTGATGGCTACGAACAGGCC
 GCCCGAATTGCTATTAGCACCTGGACAAAATCAGCGATAATGTGCTTGTGACATAAACACCCCGAAC
 CTCTGATTGACTGCAAAAACCACACTGGGCTCAAAGTGGTTAACAGCTGTCACCGACAAATGGCTGA
 GATTGCCGTCAATGCTGTCTCACAGTGGCTGATATGGAGCGGAGAGATGTTGACTTTGAGCTCATCAA
 GTGGAAGGCAAAAGTAGGTGGGCGCTGGAGGACACCAAACCTTATAAAGGGTGTGATCGTTGATAAGGACT
 TCAGTACCCACAGATGCCGAAAGAAGTGTGAATGCTAAGATTGCAATTCTCACGTGCCATTTGAACC
 ACCTAAACCAAAGACAAAGCACAAAGTTGGATGTCACATCTGTGGAGGACTACAAAGCCCTGCAGAAGTAC
 GAAAAGGAAAAGTTTGAAGAGATGATTGCGCAGATAAAAGAACTGGTGCTAACCTAGCTATTTGCCAGT
 GGGGCTTTGATGATGAAGCTAATCATTTACTTCTCAGAACCGCCTGCCTGCAGTTCGCTGGGTAGGAGG
 ACCTGAGATTGAGCTGATCGCCATTGCAACAGGAGGCCGATTGTCCCAAGTTCTCAGAGCTTACCTCT
 GAGAAGCTGGGCTTTGCCGGTGTGGTGGGGAGATCTCATTGGCACTACAAAAGACAAAATGCTGGTTA
 TTGAGCAGTGTAAGAACTCTAGAGCTGTGACCATTTTCATCAGAGGAGGAAACAAGATGATCATTGAAGA
 AGCAAAACGATCTCTCCATGATGCCCTGTGTGTCATCCGGAACCTCATCCGTGATAACCGTGTGTGTAT
 GGAGGAGGGCAGCTGAAATATCCTGCGCCTGGCAGTCAGCCAAGAGGCAGACAAGTGGCCCACTCTGG
 AACAGTACGCCATGAGAGCTTTGCGCAGACGCCTTGGAGGTGATCCCATGGCCCTTTAGAAAACAGTGG
 CATGAATCCCATCCAGACCATGACTGAAGTCCGAGCTAGACAAGTGAAGGAGTCTAACCTGCCCTGGGG
 ATTGACTGTCTGCACAAGGGCAGTAATGATATGCAGTATCAGCATGTCATAGAAACCTTGATTGGTAAAA
 AGCAGCAGATCTCTTGGCCACACAGATGGTTAGGATGATTCTGAAGATTGATGACATCCGTAAGCCTGG
 AGAATCTGAAGAA**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAAAACCTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_001004078
- Insert Size:** 1626 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: [NM_001004078.1](#), [NP_001004078.1](#)

RefSeq Size: 1766 bp

RefSeq ORF: 1626 bp

Locus ID: 294864

UniProt ID: [Q68FQ0](#)

Cytogenetics: 2q22

Gene Summary: mouse homolog is a subunit of the TCP-1-containing chaperone involved in actin and tubulin folding [RGD, Feb 2006]