

Product datasheet for **RN208146**

Cct3 (NM_199091) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Cct3 (NM_199091) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Cct3
Synonyms:	MGC72950
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN208146 representing NM_199091
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGATGGGCCACCGTCCAGTGCTCGTGCTCAGTCAAGAATACAAAGCGTGAGTCTGGAAGAAAAGTTCAAT
 CTGGAAATATCAATGCTGCAAAGACAATTGCAGACATCATCCGGACCTGTTGGGACCTAAATCTATGAT
 GAAGATGCTTTTGGATCCAATGGGAGGCATCGTGATGACCAATGATGGTAAATGCCATTCTTCGAGAGATT
 CAAGTCCAGCATCCCGCAGCAAAATCCATGATTGAAATAGCAGGACCCAGGATGAAGAGTTGGAGATG
 GGACCACATCAGTAATTATTCTTGCTGGAGAAATGCTGTCTGTGGCTGAGCACTTCTAGAGCAGCAGAT
 GCACCCAAACAGTGGTGATCAGTGCTTACCGCATGGCACTGGATGATATGGTCAGCACTCTGAAGAAAATC
 AGTACCCCTGTTGATGTCAATAACCGTGATATGATGTTGAACATCATCAATAGCTCTATTACTACAAAAG
 TCATCAGTCGGTGGTCTCTTTGGCATGCAACATTGCACTGGATGCTGTTAAGACTGTTCAAGTTGAAGA
 GAATGGCAGAAAGAAAATTGATATCAAGAAGTATGCAAGGGTGGAAAAGATACCCGGGGGCATCATTGAA
 GACTCGTGTGCTTACGTGGAGTTATGATCAACAAGGATGTGACCCATCCAAGAAATGCGCCGCTATATTA
 AGAATCCTCGAATTGTTCTACTGGATTCTCTCTGGAGTACAAGAAAGGAAAGCCAGACTGACATTGA
 GATTACACGAGAGGAGGATTTACCCGCATCCTGCAAAATGGAAGAAGAGTACATCCAGCAGTTGTGTGAG
 GATATTATCCAGCTGAAACCTGACGTAGTCATCACAGAAAAGGGCATCTCGGATTTAGCTCAGCACTACC
 TCATGCGGGCCAAATGTCACAGCCATTCTAGAGTCCGGAAAACAGACAATAATCGCATTGCTAGAGCCTG
 TGGGGCACGGATAGTCAGCCGACCCGAGAACTGAGAGAAAGATGATGTTGGTACAGGAGCAGGCTTATTG
 GAAATCAAGAAGATTGGAGATGAGTACTCACATTCACTACTGACTGCAAAGACCCAAAGGCCTGCACCA
 TTCTTTAGAGGAGCCAGCAAAGAGATACTATCGGAAGTAGAAGCAACCTCCAGGATGCCATGCAAGT
 GTGCCGCAATGTTCTCCTGGACCCTCAGCTGGTGCCTGGTGGTGGAGCCTCTGAGATGGCTGTGGCCCAT
 GCCTTGACAGAAAATCTAAGGCCATGACTGGTGTGGAACAATGGCCATATAGGGCTGTGGCCAGGCTT
 TAGAGGTCATCCCTCGGACCTTGATCCAGAAGTGTGGGGCCAGTACCATTCTGCTGCTTACCTCCCTTCG
 GGCCAAGCACACAGGAGAATTGTGAGACCTGGGGTGTGAATGGTGGAGACTGGTACCTTAGTGACATG
 AAAGAGCTGGGTATTTGGGAGCCATTGGCTGTGAAGCTACAAACATACAAAACAGCAGTGGAGACTGCAG
 TTCTGCTTCTGCGGATTGATGACATTGTCTCTGGCCACAAGAAGAAGGGTATGACCAGAACCGGCAAAAC
 CGGTGCTCCAGATGCTGGCCAGGAG**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** Sgfl-Mlul
- ACCN:** NM_199091
- Insert Size:** 1638 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_199091.2](#), [NP_954522.1](#)

RefSeq Size: 1981 bp

RefSeq ORF: 1638 bp

Locus ID: 295230

UniProt ID: [Q6P502](#)

Cytogenetics: 2q34

Gene Summary: one of eight subunits of CCT, an ATP-ase and chaperonin protein which aids in the ATP-dependent folding of actin and tubulin in the cytosol [RGD, Feb 2006]