

Product datasheet for **RN203356**

Cct4 (NM_182814) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Cct4 (NM_182814) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Cct4
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >RN203356 representing NM_182814
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGCCGGAGAACGTAGCTTCCCAGAGCGGGCCGCCCGCAGCGGGCCGGCAACCGGGAAAGGCGCCT
 ACCAGGACCGCGACAAACCGGCCAGATCCGCTTCAGCAACATTTCCGCGCCAAAGCGGTTGCCGATGC
 CATTAGAACAAAGCCTTGGACCTAAAGGAATGGACAAAATGATTCAAGACGAAAAGGCGATGTGACCATT
 ACCAATGATGGTGCCACCATTCTGAAACAAATGCAAGTATTACACCCAGCAGCCAGAATGCTGGTGGAAAC
 TGTCCAAAGCTCAAGACATAGAAGCAGGGGATGGCACCACGTCGGTCGTATCATTGCTGGCTCTCTCTT
 AGACTCCTGTACCAAGCTTCTGCAGAAAGGTATACATCCAACCATCATTCCGAGTCATTCCAGAAAAGCT
 TTGAAAAGGGTCTTGAATCCTTACCGACATGTCTCGGCCTGTGCAACTGAGCGACAGAGAAAACCTTGT
 TAAATAGTGCAACCACTTCATTGAACTCAAAGGTTGTCTCTCAGTATTCAAGTCTGCTCTCTCCAATGAG
 TGTC AATGCAGTGATGAAAGTGATCGATCCAGCCACGGCTACCAGTGTGATCCTTAGAGATATTAATAA
 GTTAAGAAGCTTGGTGGGACGATAGATGACTGTGAGCTGGTGAAGGCCCTTGTCTCACACAGAAAAGTGG
 CAAATTCTGGCATAACGAGAGTTGAGAAGGCTAAGATTGGGCTTATTCAGTTTTGCTTATCTGCTCCTAA
 AACAGATATGGATAATCAGATAGTAGTATCTGACTACGCCAGATGGATCGAGTGCTTCGAGAAGAAAGA
 GCCTATATTTTAAATTTGGTGAAGCAAATTAAGAAAACAGGATGTAATGTCCTTCTCATACAGAAGTCTA
 TTCTAAGAGATGCACTTAGTGATCTTGCCTTACATTTTCTGAATAAAAATGAAGATTATGGTGGTTAAGGA
 CATTGAAAAGAGAAGACATTGAATTCATCTGTAAGACAATTGGAACCAACCAGTGGCTCACATTGACCAG
 TTCCTCTGACATGCTGGGTTCTGCTGAGTTAGCAGAGGAAGTCAGTTTGAATGGTTCTGGAAAAGTGT
 TCAAGATTACAGGCTGTACAAGCCAGGCAAAACAGTGACAATTGTCGTCGAGGCTCTAACAACTGGT
 GATTGAGGAAGCTGAGCGCTCCATTCACGATGCTCTCTGTGTTATCCGATGCTTGGTGAAGAAGAGAGCT
 CTTATTGCAGGAGGTGGTCTCCAGAAAATAGAGCTGGCCCTCAGACTGACGGAGTACTCCCGGACTGTA
 GTGGCATGGAGTCTACTGTGTTGAGCTTTTGCAGATGCCATGGAAGTCATTCCATCTACACTGGCTGA
 AAATGCTGGCCTGAATCCCATCTCTACTGTAACAGAGCTAAGAAACCGCCATGCCCAAGGAGAAAAAAGT
 ACAGGCATTAATGTCCGAAAGGGTGGGCTCTCCAACATTCTGGAGGAAATGGTTGTCCAGCCTCTGTTGG
 TGTCAGTCAGTGCCTGACCCTAGCAACTGAACTGTGCGGAGCATTCTGAAAATTGATGATGTGGTAA
 TACTCGA**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAAAACATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_182814
- Insert Size:** 1620 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_182814.2](#), [NP_877966.1](#)

RefSeq Size: 2110 bp

RefSeq ORF: 1620 bp

Locus ID: 29374

UniProt ID: [Q7TPB1](#)

Cytogenetics: 14q22

Gene Summary: chaperone protein involved in cytosolic protein folding; mutation in gene causes hereditary sensory neuropathy [RGD, Feb 2006]