

## Product datasheet for **SC202880**

### **CCT3 (NM\_005998) Human 3' UTR Clone**

#### **Product data:**

**Product Type:** 3' UTR Clones  
**Product Name:** CCT3 (NM\_005998) Human 3' UTR Clone  
**Vector:** pMirTarget (PS100062)  
**Symbol:** CCT3  
**Synonyms:** CCT-gamma; CCTG; PIG48; TCP-1-gamma; TRIC5  
**ACCN:** NM\_005998  
**Insert Size:** 261 bp  
**Insert Sequence:** >SC202880 3'UTR clone of NM\_005998

The sequence shown below is from the reference sequence of NM\_005998. The complete sequence of this clone may contain minor differences, such as SNPs.

Blue=Stop Codon Red=Cloning site

```
GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
GGCGGGGCTCCTGATGCTGGCCAGGAGTGTGTCTAGGCAAGGCTACTTCAATGCACAGAACCAGCAGA
GTCTCCCCTTTTCTGAGCCAGAGTGCCAGGAACACTGTGGACGCTCTTTGTTCAGAAGGGATCAGGTTG
GGGGGCAGCCCCAGTCCCTTTCTGTCCAGCTCAGTTTTCCAAAAGACACTGACATGTAATTCTTCTC
TATTGTAAGGTTTCCATTTAGTTTGCTTCCGATGATTAATCTAAGTCATTTGA
ACGCGTAAGCGGCCGCGCATCTAGATTGGAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCCTTCTATGAAAGG
```

**Restriction Sites:** SgfI-MluI

**OTI Disclaimer:** Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences, e.g., single nucleotide polymorphisms (SNPs).

**Components:** The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.

**RefSeq:** [NM\\_005998.5](#)



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**Summary:** The protein encoded by this gene is a molecular chaperone that is a member of the chaperonin containing TCP1 complex (CCT), also known as the TCP1 ring complex (TRiC). This complex consists of two identical stacked rings, each containing eight different proteins. Unfolded polypeptides enter the central cavity of the complex and are folded in an ATP-dependent manner. The complex folds various proteins, including actin and tubulin. Alternate transcriptional splice variants have been characterized for this gene. In addition, a pseudogene of this gene has been found on chromosome 8. [provided by RefSeq, Aug 2010]

**Locus ID:** 7203

**MW:** 9.3