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# Product datasheet for SC207478

## TCP1 alpha (TCP1) (NM_030752) Human 3' UTR Clone

### Product data:

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| **Product Type:** | 3' UTR Clones |
| **Product Name:** | TCP1 alpha (TCP1) (NM_030752) Human 3' UTR Clone |
| **Symbol:** | TCP1 alpha |
| **Synonyms:** | CCT-alpha; CCT1; CCTa; D6S230E; TCP-1-alpha |
| **Mammalian Cell Selection:** | Neomycin |
| **Vector:** | pMirTarget (PS100062) |
| **ACCN:** | NM_030752 |
| **Insert Size:** | 577 bp |
| **Insert Sequence:** | >SC207478 3'UTR clone of NM_030752<br>The sequence shown below is from the reference sequence of NM_030752. The complete sequence of this clone may contain minor differences, such as SNPs.<br>Blue=Stop Codon Red=Cloning site<br><br>GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAGGCCAAGAAGGGCGGAAAGATCGCCGTG<br>TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC<br>GCTGTTCACTCTGGAGCCCTTAATGATTGATCTGATGTTCCTTTTATTTATAACAATGTTAAATGCAAT<br>TGTCTTGTACCTTGAGTTGAGTATTACACATTAAAGTAAAGTACAAGCTGTAAACTTGGGTTTTTGTGA<br>TGTAGGAAATGGTTTCCATCTGTACTTTGGTCCTCTGATTTCACATATTGCAACCTAGTACTTTATTAG<br>TTTAAAAAGAAATTGAGGTTGTTCAAAGTTTAAGCAATTCATTCTCTCTGAACACACATTGCTATTCCC<br>ATCCCACCCCCAATGCACAGGGCTGCAACACCACGACTTCTGCCCATTCTCTCCAGTGTGTGTAACAGG<br>GTCACAAGAATTCGACAGCCAGATGCTCCAAGAGGGTGGCCCAAGGCTATAGCCCCTCCTTCAATATTG<br>ACCTAACGGGGGAGAAAAGATTTAGATTGTTTATTCTTCTGTGGACACAGTTTAAAATCTTAAACTTGT<br>CTTTTTCCTCTTAATGTATCAGCATGCTACCCTTTCAAACTCAAATTTTCATTTTAACTGCTTAGGAAT<br>AAATTTACACCTTTGTGAAAATTCA<br>ACGCGTAAGCGGCCGCGGCATCTAGATTCGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA<br>CGAGATTTCGATTCCACCGCCGCCTTCTATGAAAGG |
| **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). |

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| **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_030752.3 |
| **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 of this gene, encoding different isoforms, have been characterized. In addition, three pseudogenes that appear to be derived from this gene have been found. [provided by RefSeq, Jun 2010] |
| **Locus ID:** | 6950 |
| **MW:** | 22 |