

## Product datasheet for SC203261

### TCP1 beta (CCT2) (NM\_006431) Human 3' UTR Clone

#### Product data:

Product Type:	3' UTR Clones
Product Name:	TCP1 beta (CCT2) (NM_006431) Human 3' UTR Clone
Symbol:	TCP1 beta
Synonyms:	99D8.1; CCT-beta; CCTB; HEL-S-100n; PRO1633; TCP-1-beta
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_006431
Insert Size:	275 bp
Insert Sequence:	>SC203261 3'UTR clone of NM_006431 The sequence shown below is from the reference sequence of NM_006431. The complete sequence of this clone may contain minor differences, such as SNPs. <b>Blue</b> =Stop Codon <b>Red</b> =Cloning site
	GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG TAACAATTGGCAGAGCTCAGAATTCAA <b>GCGATCGCC</b> AAACGTGTCCCTGATCACCACCCTGT <b>AA</b> GCATTCCCACGTGCTGTCGATCTTTGGACCAGTTTCTAG CAAAGTTGTGTTGAAAGATACTCTATTAAGAAGACTGTGGAATCTGTTATCGGTGCCATTATATC CTTAAGTTGGATATTTAGCTGACCTTCGCTTTAACATAGGTCTAATTTATTTGCCGTGTCATTTTCCA TACAAATCAGTTGATTTAAAAAAGTTCAATTTCTACTGTGCATTAATAAAAAATTTGAACAATTA <b>ACGCGT</b> AAGCGGCCGCGCATCTAGATTGAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA CGAGATTTTCGATTCCACCGCCGCTTCTATGAAAGG
Restriction Sites:	Sgfl-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:	<u><a href="#">NM_006431.3</a></u>



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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. Two transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Nov 2010]

**Locus ID:**

10576

**MW:**

10.8