

Product datasheet for **SC327564**

TCP1 eta (CCT7) (NM_001166285) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	TCP1 eta (CCT7) (NM_001166285) Human Untagged Clone
Tag:	Tag Free
Symbol:	CCT7
Synonyms:	CCTETA; CCTH; NIP7-1; TCP1ETA
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>NCBI ORF sequence for NM_001166285, the custom clone sequence may differ by one or more nucleotides

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ATGGACAAGCTTATTGTAGATGGCAGAGGCAAAGCAACAATTTCTAATGATGGGGCCACA
ATTCTGAAACTTCTTGATGTTGTCCATCCTGCAGCAAAGACTTTGGTAGACATTGCCAAA
TCCCAAGATGCTGAGGTGGGTGATGGCACCACTCAGTGACCTTCTGGCTGCAGAGTTT
CTGAAGCAGGTGAAACCTATGTGGAGGAAGGTTTACACCCCAAGATCATCATTGAGCT
TTCCGCACAGCCACCCAGCTGGCAGTTAACAAGATCAAAGAGATTGCTGTGACCGTGAAG
AAGGCAGATAAAGTGGAGCAGAGGAAGCTGCTGGAAAAGTGTGCCATGACCGCTCTGAGC
TCCAAGCTGATCTCCAGCAGAAAGCTTTCTTTGCTAAGATGGTGGTGGATGCAGTGATG
ATGCTCGATGATTTGCTGCAGCTTAAAATGATTGGAATCAAGAAGGTACAGGGTGGAGCC
CTCGAGGATTCTCAGCTGGTAGCTGGTGTGCATTCAAGAAGACTTTCTTTACGCTGGG
TTTGAAATGCAACCCAAAAGTACCACAATCCCAAGATTGCCCTTTTGAATGTCGAGCTC
GAGTTGAAAGCTGAGAAAACAATGCTGAGATAAGAGTCCACACAGTTGAGGATTATCAG
GCAATTGTTGATGCTGAGTGAACATTCTATGACAAGTTAGAGAAGATCCATCATTCT
GGAGCCAAAGTTGCTTTGTCCAACTCCCACTGGGGATGTGGCCACCCAGTACTTTGCT
GACAGGGACATGTTCTGTGCTGGCCGAGTACCTGAGGAGGATCTGAAGAGGACAATGATG
GCCTGTGGAGGCTCAATCCAGACCAGTGTGAATGCTCTGTCAGCAGATGTGCTGGGTCGA
TGCCAGGTGTTTGAAGAGACCCAGATTGGAGGCGAGAGGTACAATTTTTTACTGGCTGC
CCCAAGGCCAAGACATGCACCTTCACTTCCGTGGCGGCCGAGCAGTTTATGGAGGAG
ACAGAGCGGTCCCTGCATGATGCCATCATGATCGTCAGGAGGGCCATCAAGAATGATTCA
GTGGTGGCTGGTGGCGGGCCATTGAGATGGAACCTCCTCAAGTACCTGCGGGATTACTCA
AGGACTATTCCAGGAAAACAGCAGCTGTTGATTGGGCATATGCCAAGGCCTTGGAGATT
ATCCCACGCCAGCTGTGTGACAATGCTGGCTTTGATGCCACAAACATTCTCAACAAGCTG
CGGGCTCGGCATGCCAGGGGGTACATGGTATGGAGTAGACATCAACAACGAGGACATT
GCTGACAACCTTTGAAGCTTTCTGTGGGAGCCAGCTATGGTGGGATCAATGCGCTGACA
GCAGCCTCTGAGGCTGCGTGCCTGATCGTGTCTGTAGATGAAACCATCAAGAACCCCGC
TCGACTGTGGATGCTCCACAGCAGCAGGCCGGGGCCGTGGTCTGTGGCCGCCCCAC

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Restriction Sites:	Please inquire
ACCN:	NM_001166285
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).
OTI Annotation:	This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.
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:	<ol style="list-style-type: none">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:	<u>NM_001166285.1</u> , <u>NP_001159757.1</u>
RefSeq Size:	2044 bp
RefSeq ORF:	1500 bp
Locus ID:	10574
UniProt ID:	<u>Q99832</u>
Cytogenetics:	2p13.2
Gene Summary:	<p>This gene encodes 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. Alternative splicing results in multiple transcript variants. Related pseudogenes have been identified on chromosomes 5 and 6. [provided by RefSeq, Oct 2009]</p> <p>Transcript Variant: This variant (4) includes an alternate exon in its 5' UTR and uses a downstream translational start codon, compared to variant 1. The encoded isoform (d) is shorter at the N-terminus, compared to isoform a.</p>