

## Product datasheet for **SC202531**

### **TCTP (TPT1) (NM\_003295) Human 3' UTR Clone**

#### **Product data:**

|                           |                                            |
|---------------------------|--------------------------------------------|
| Product Type:             | 3' UTR Clones                              |
| Product Name:             | TCTP (TPT1) (NM_003295) Human 3' UTR Clone |
| Symbol:                   | TCTP                                       |
| Synonyms:                 | HRF; p02; p23; TCTP                        |
| Mammalian Cell Selection: | Neomycin                                   |
| Vector:                   | pMirTarget (PS100062)                      |
| ACCN:                     | NM_003295                                  |
| Insert Size:              | 2000 bp                                    |



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**Insert Sequence:** >SC202531 3'UTR clone of NM\_003295  
The sequence shown below is from the reference sequence of NM\_003295. The complete sequence of this clone may contain minor differences, such as SNPs.  
**Blue**=Stop Codon **Red**=Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAGGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAGCGATCGCC
AAGGATGGTTTAGAAATGGAAAAATGTTACAAAATGTGGCAATTATTTGGATCTATCACCTGTCATCA
TAACTGGCTTCTGCTTGTCTATCCACACAACACCAGGACTTAAGACAAATGGGACTGATGTCATCTTGAG
CTCTTCATTTATTTTACTGTGATTTATTTGGAGTGGAGGCATTGTTTTAAGAAAAACATGTCATGTA
GGTTGTCTAAAAATAAAATGCATTTAACTCATTTGAGAGAATGCCTTTTAGTTTAAATGCATATTTAAA
CTAAATTGATCCTGTAGTGTTCTGGAGAAGCTAGAGCCTGATTGTAGGCTACTACTCATCAATTAAT
TCTACAGTGGAGACTACTTCTGGGACTGGAATATAAAAAAGAATCAAAGTTCTGATTTTGAGTTGCAA
TAAAGGGAAAGACCATGCTCATAGCAGTGCCAACATCTGAAGTGTGGAGCCTTACCCATTTTCATCACCT
ACAACGGAAGTAGTTAACTGGAAGAGATTACCAAGAGAATAAAAAAGAGACTCATTAGTGAAGCAACT
TTGTCTCAGCTTATTTACATAAAGAGAGCGAAGTCTTTTGGGATGAATGTTAATTAATCCCTGGTA
ACTAGAACAGGGACTGGCAAACTAGCCTATCTGACCACCTGTTTTGTACACTTTAAGGTGGTTGGTTGC
CTTTTTAAATGGTTGAGGGGAAAAGAATACCTTGTGGGATATGGAATTTAAGTTCGAGTCCAGTTTTAT
TGGAACGTGGCTATGCTTATTCATTTATGGATTGACTGTGGCTGTTGTCAGTGCATGAGCAGAGTTGTG
TCTAACAGACTAGAGCCTGCAAGTTTGCCAGCCCTGATTTAAAGATGAAGGTACACAGAATGTGGGC
TGGCTGGTGGGCAAGGGGTAAAAATGTTCTCTATATTGTATCTGAAAAGATGGGGTGTCTGAATAAGA
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CACTGCATTCTCTGCATCTGTGCTCAAGCCATTTTCCACCTCAGTCTCACTAGTTGCTGGGACTGCA
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TTAAAAGCAGGCCAGTGACTCTGGTCTGCTTGAACATGTGAATGTAGTGGTTGAGCAATCTGGAGTTT
GCCCTAGTGTCAAATCCAGACTGTCCATAGTGTCCAAAACCTGAGGCAGATACTAATGTAAACCCCA
GCACCCCGTGATTGGAACAAACCTAAATACGTATTGGGAACTTAATAGCAATTTTAAGCATTCTGATA
GATTTTTTGTAGGATGGGGTCATGCCATGTGGCCAGGCTGGTCTGAAAACCTCTGGCCTCAAGTGATC
TCAAGCTTTGGCCTTCTAAAGTGTGGGATTACAGGTGTGAGGCATTGCACCTGGCTTAGCGTTCTGAT
TTGACATTGTAATGAAAAGTGTGAGTCTCATCTACAGGCCTTTTGTCTCTGAAATGATAGCAGGAAG
GGAATTTTCAGGCAGTGGTCAAAGCTGGGGAAACCAGGATAGTGAAGAAGGCCTTGAGGTGAGAGATGG
AAGCTAATTGGTGAAGTGCCTTGGAAGCCTGAAACAGACAAGTAGCAATTCAGAGACTTTGTGGGCT
ACGCGTAAGCGGCCGCGGCATCTAGATTCTGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
  
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**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\\_003295.4](#)

**Summary:**

This gene encodes a protein that is a regulator of cellular growth and proliferation. Its mRNA is highly structured and contains an oligopyrimidine tract (5'-TOP) in its 5' untranslated region that functions to repress its translation under quiescent conditions. The encoded protein is involved in a variety of cellular pathways, including apoptosis, protein synthesis and cell division. It binds to and stabilizes microtubules, and removal of this protein through phosphorylation is required for progression through mitotic and meiotic cell divisions. This gene is known to play a role in carcinogenesis, and is upregulated in some cancer cells. Alternative splicing results in multiple transcript variants encoding different isoforms. [provided by RefSeq, Aug 2017]

**Locus ID:**

7178

**MW:**

75