

## Product datasheet for **SC200965**

### PTOP (ACD) (NM\_001082487) Human 3' UTR Clone

#### Product data:

Product Type:	3' UTR Clones
Product Name:	PTOP (ACD) (NM_001082487) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	ACD
Synonyms:	PIP1; PTOP; TINT1; TPP1
ACCN:	NM_001082487
Insert Size:	153 bp
Insert Sequence:	>SC200965 3'UTR clone of NM_001082487 The sequence shown below is from the reference sequence of NM_001082487. The complete sequence of this clone may contain minor differences, such as SNPs. <b>Blue</b> =Stop Codon <b>Red</b> =Cloning site  GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC CAGCCAGGGTCTGAGCCAACTCCGATGTGAGACGTCACGCAGGACAGATACCGCTCCACACTCTGCTTC CTTTGAGTTTTTAATAAAATAATCTCATGCGGCAGGAGAGGAGGATCAGGGAAAAAAAAAAAAAAAA AAAAAAAAAAAAAAAA <b>ACGCGT</b> AAGCGGCCGCGCATCTAGATTGAAAGAAATGACCGACCAAGCGACGCCCAACCTGCCATCA CGAGATTCGATTCCACCGCCCTTCTATGAAAGG
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_001082487.1</a></u>



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**Summary:**

This gene encodes a protein that is involved in telomere function. This protein is one of six core proteins in the telosome/shelterin telomeric complex, which functions to maintain telomere length and to protect telomere ends. Through its interaction with other components, this protein plays a key role in the assembly and stabilization of this complex, and it mediates the access of telomerase to the telomere. Multiple transcript variants encoding different isoforms have been found for this gene. This gene, which is also referred to as TPP1, is distinct from the unrelated TPP1 gene on chromosome 11, which encodes tripeptidyl-peptidase I. [provided by RefSeq, Jul 2008]

**Locus ID:**

65057

**MW:**

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