

Product datasheet for **SC303878**

TEP1 (NM_007110) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	TEP1 (NM_007110) Human Untagged Clone
Tag:	Tag Free
Symbol:	TEP1
Synonyms:	p240; TLP1; TP1; TROVE1; VAULT2
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene sequence for NM_007110 edited

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ATGAAGATGTGCCACTCGGGAATAATGATACCCCTTGCTAGAGATGCAAAGCC

Restriction Sites:	Please inquire
ACCN:	NM_007110
Insert Size:	8000 bp
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:	The ORF of this clone is found to be a perfect match to NM_007110.3.
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:	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_007110.3, NP_009041.2</u>
RefSeq Size:	8595 bp
RefSeq ORF:	7884 bp
Locus ID:	7011
UniProt ID:	<u>Q99973</u>
Cytogenetics:	14q11.2
Gene Summary:	This gene product is a component of the ribonucleoprotein complex responsible for telomerase activity which catalyzes the addition of new telomeres on the chromosome ends. The telomerase-associated proteins are conserved from ciliates to humans. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jan 2016] Transcript Variant: This variant (1) encodes the longer isoform (1). Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.