

## Product datasheet for **SC117173**

### TCEAL1 (NM\_004780) Human Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	TCEAL1 (NM_004780) Human Untagged Clone
Tag:	Tag Free
Symbol:	TCEAL1
Synonyms:	p21; pp21; SIIR; WEX9
Mammalian Cell Selection:	None
Vector:	<u><a href="#">pCMV6-XL5</a></u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>NCBI ORF sequence for NM_004780, the custom clone sequence may differ by one or more nucleotides

```
ATGGACAAACCACGCAAAGAAAATGAAGAAGAGCCGCAGAGCGCGCCCAAGACCGATGAGGAGAGGCCTC  
CGGTGGAGCACTCTCCCGAAAAGCAGTCCCCGAGGAGCAGTCTTCGGAGGAGCAGTCTCGGAGGAGGA  
GTTCTTTCCTGAGGAGCTCTGCCTGAGCTCTGCCTGAGATGCTCCTCGGAGGAGCGCCCTCCGCAG  
GAGGGTCTTCCAGGAAGGACCTGTTTGAGGGGCGCCCTCCCATGGAGCAGCCTCCTTGTGGAGTAGGAA  
AACATAAGCTTGAAGAAGGAAGCTTTAAGAAAGGTTGGCTCGTTCTCGCCCGCAATTTAGAGGGGACAT  
ACATGGCAGAAATTTAAGCAATGAGGAGATGATACAGGCAGCAGATGAGCTAGAAGAGATGAAAAGAGTA  
AGAAACAAACTGATGATAATGCACTGGAAGGCAAACGGAGCCGTCCTTATCCTATTTAA
```



[View online »](#)

<b>5' Read Nucleotide Sequence:</b>	<p>&gt;OriGene 5' read for NM_004780 unedited</p> <pre> CGGTGCACATTTGTAACGACTCATATAGGCGGCCGCAATTCGCACGAGGTCCCTATT ACCTTTGGTTCGAGAGGAAACAGAAAGAGTCTGCTGGTCCACAGCGGGCACCTCGAGGAGA GGACGACTAGGAGCACACGGCTCCGAAAGGTCCAGAATAACTGTGCTTGAAGAAGAAAA TTCCCAACATGGACAAACCACGCAAGAAAAATGAAGAAGAGCCGAGAGCGGCCCAAGA CCGATGAGGAGAGGCCTCCGGTGGAGCACTCTCCGAAAGCAGTCCCCGAGGAGCAGT CTTCGGAGGAGCAGTCTCCGAGGAGGAGTTCTTCTGAGGAGCTTTGCCTGAGCTCC TGCTGAGATGCTCCTCTCGGAGGAGCGCCTCCGAGGAGGGTCTTTCCAGGAAGGACC TGTTTGAGGGGCCCTCCCATGGAGCAGCCTCCTTGTGGAGTAGGAAAAACATAAGCTTG AAGAAGGAAGCTTTAAAGAAAGTTGGCTGTTCTCGCCCGCAATTTAGAGGGGACATAC ATGGCAGAAATTAAGCAATGAGGAGATGATACAGGCAGCAGATGAGCTAGAAGAGATGA AAAGAGTAAGAAACAACTGATGATAATGCACTGGAAGGCAAAACGGAGCCGCTTATC CTATTTAATGTGTTGGCCTTTAATTCTGTTTTGCCTGCTAATAGTATTGCCATTGCCAC CTGCACCTTCTGTTTGCATTTTCTCGTGCCTTTCCCATATTCTGAATTTCACTTTTTG TGAGGCTTTATTTAGATGTTTAGCATGTAACGCTTCCAGTTGANGTTTCCCCCTAAAT CTACAAGTTTCTCTTTCAGTCATGAGCCTACCCATTGCATGAAGA </pre>
<b>3' Read Nucleotide Sequence:</b>	<p>&gt;OriGene 3' read for NM_004780 unedited</p> <pre> AACTTTCCAGGGCCAGGAGTGTCCCTGGGGAGGGGTACAGGGACGCCACCCGGGTTTCT GTTCAAGGAAACAGCTACGACCGCGCCGCAATCAAAGTCGAGTCCCCCCCCCCCCCCC CCCCCCTAAAAGTTCTGACAAGTATTTATTAAGTGCCACATTGTCGTTATAAGCTGATT GACAGTTTTTCTCAAAATGTGTGATTTTTTTCATATATTTTTTGCAACACAAGTAAAC GTTTGTCTGAAAAAATGAAAAATTCAGATAAAACAAAAATTTAAAAAATCACCTATTAT CTTACCACACAACCACTGTTATGCCTTTGAAGTCTATACTTTTAGCTTTTCTTTGCATA TTAATATATAAATATACATTTTTTTTACAAAAATGGGATACAATATATACCATTTGAAAA TTGCTTTTTTTCGTTTCACAATATATAATGTACATCTTTCATGCAAATGTGTAGGGCTCAT GACTGAAAGAGGGAAACTTGTAATTTTAGGGGAAACCTCAACTTTAAGCGAGTTACAT GCTAAACATCTAAAAATAAGCCTCACAAAAAGTAAAAATTCAGAATATGGNGAAAAGGCA TTAAGAAAATGCAAACAGAAAGTCCAGGTGGCAATGGCAATACTTTTAGCAGGCAAAACA GAATTAAGGCCGAACCATTAATANGATAAGGACGGGTTCCGTTTGCCTTTCAGGCATAA TAANAAANNGGTTTCTACTCTTTTATCTCTTTAGCTATCTGCTGTATCATCTCTATG CTTAAATTCTGCCCTGATGTCCCTCAAAATTCGGGCGAGACAAGCAACCTTCTTTAAGCT TCTTCTAACCTTATTGTTTCCACTCACAGGAGCTGTCTTATGGAAGGCGCCTTAAAAG TCTTTTGAAACTCTTGTGGGGGCCCTTCCAGAGAGCTTTTGGCGGACTAGCAGACTC TTAGAAACTCTCTCCAGATGTTTCAAA </pre>
<b>Restriction Sites:</b>	NotI-NotI
<b>ACCN:</b>	NM_004780
<b>Insert Size:</b>	1200 bp
<b>OTI Disclaimer:</b>	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).
<b>Components:</b>	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).

<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<a href="#">NM_004780.2</a> , <a href="#">NP_004771.2</a>
<b>RefSeq Size:</b>	1220 bp
<b>RefSeq ORF:</b>	480 bp
<b>Locus ID:</b>	9338
<b>UniProt ID:</b>	<a href="#">Q15170</a>
<b>Cytogenetics:</b>	Xq22.2
<b>Protein Families:</b>	Transcription Factors
<b>Gene Summary:</b>	<p>This gene encodes a member of the transcription elongation factor A (SII)-like (TCEAL) gene family. Members of this family may function as nuclear phosphoproteins that modulate transcription in a promoter context-dependent manner. The encoded protein is similar to transcription elongation factor A/transcription factor SII and contains a zinc finger-like motif as well as a sequence related to the transcription factor SII Pol II-binding region. It may exert its effects via protein-protein interactions with other transcriptional regulators rather than via direct binding of DNA. Multiple family members are located on the X chromosome. Alternative splicing results in multiple transcript variants encoding a single isoform. [provided by RefSeq, Jul 2008]</p> <p>Transcript Variant: This variant (1) encodes the complete protein. Variants 1 through 3 encode the same isoform.</p>