

## Product datasheet for SC301101

### TCEAL1 (NM\_001006640) Human Untagged Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** TCEAL1 (NM\_001006640) Human Untagged Clone  
**Tag:** Tag Free  
**Symbol:** TCEAL1  
**Synonyms:** p21; pp21; SIIR; WEX9  
**Mammalian Cell Selection:** Neomycin  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**Fully Sequenced ORF:** >SC301101 representing NM\_001006640.  
 Blue=Insert sequence Red=Cloning site Green=Tag(s)

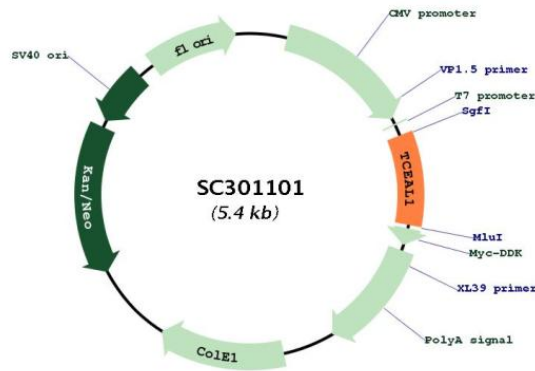
```
GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCCGGATCGCC
ATGGACAAACCACGCAAAGAAAATGAAGAAGAGCCGAGAGCGCGCCCAAGACCGATGAGGAGAGGCCT
CCGGTGGAGCACTCTCCCGAAAAGCAGTCCCCGAGGAGCAGTCTTCGGAGGAGCAGTCTCGGAGGAG
GAGTTCTTCTGAGGAGCTCTTGCCTGAGCTCCTGCCTGAGATGCTCCTCTCGGAGGAGCGCCCTCCG
CAGGAGGGTCTTCCAGGAAGGACCTGTTTGGGGGCGCCCTCCCATGGAGCAGCCTCCTGTGGAGTA
GGAAAACATAAGCTTGAAGAAGGAAGCTTTAAAGAAAGGTTGGCTCGTTCTCGCCGCAATTTAGAGGG
GACATACATGGCAGAAATTTAAGCAATGAGGAGATGATACAGGCAGCAGATGAGCTAGAAGAGATGAAA
AGAGTAAGAAACAACTGATGATAATGCACTGGAAGGCAAACGGAGCCGTCCTTATCCTATTAA
ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC
```

**Restriction Sites:** Sgfl-Mlul



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Plasmid Map:



<b>ACCN:</b>	NM_001006640
<b>Insert Size:</b>	480 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>OTI Annotation:</b>	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.
<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).

**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:** [NM\\_001006640.1](#)

**RefSeq Size:** 1220 bp

**RefSeq ORF:** 480 bp

**Locus ID:** 9338

**UniProt ID:** [Q15170](#)

**Cytogenetics:** Xq22.2

**Protein Families:** Transcription Factors

**MW:** 18.6 kDa

**Gene Summary:** 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]

Transcript Variant: This variant (3) differs in the 5' UTR compared to variant 1. Variants 1 through 3 encode the same isoform.