

## Product datasheet for **SC335597**

### TCEAL4 (NM\_001300901) Human Untagged Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** TCEAL4 (NM\_001300901) Human Untagged Clone  
**Tag:** Tag Free  
**Symbol:** TCEAL4  
**Synonyms:** NPD017; WEX7  
**Mammalian Cell Selection:** Neomycin  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**Fully Sequenced ORF:** >SC335597 representing NM\_001300901.  
 Blue=Insert sequence Red=Cloning site Green=Tag(s)

```
GCTCGTTT TAGTGAACCGTCAGAATTTTGT AATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCC GCGATCGCC
ATGCCAGCTGGAGGCCAGGCGCCGAGCTCACGCTGTAATCCCAGCGTTTTGGGAGGCCAGGGGCCTC
CCAAATTCAAAAGGAAGAGACAAAGTCCACATCTGTCAATGCGAAGAATGGAAAGGTCACATATCATAT
GTGGAGCGGGACATAACAACCTCGGAAATTAATCTCTTCCCCAGGTCAGTGTGCGGGCCTTCCACGCT
GCCAGCGGAACACTGGAATGGCGGAAGGGGAACGGGTACGGCAGGGGAAAGGCTGGGGTGGGGTCGG
GTCGAGTCGAGGGAAGCTGGCCGAGTGTGGACAGAGATGGCGGTCTGCGCGTCTGTTGTTCCACGCGC
TCTGCGAAGCCTGAAAAGGAGGACAACTGTCCAGAATCCCCGAGGTCGTAAGACAGGAAAAGG
AGGGGAAATCTCGACATGGAAAACTCTACAGTGAATGAAGGAATGGCTTCAAACCAAGGAAAGATG
GAAAATGAAGAACAGCCACAAGACGAGAGAAAAGCCAGAAGTAACCTGTACTCTGGAAGACAAGAAGTTA
GAAAACGAGGGAAAGACAGAAAACAAGGGCAAAACAGGAGATGAGGAAATGTTAAAGGATAAAGGAAAG
CCAGAGAGTGAGGGAGAGGCAAAAGAAGGAAAGTCAGAGAGGGAGGGAGAGTCAGAGATGGAGGGAGGA
TCAGAGAGAGAGGGAAAACAGAGATAGAGGAAAAGCCAGAGAGTGAAGGAGAGCCAGGGAGTGAACA
AGGGCTGCAGGAAAGCGCCAGCTGAGGATGATGTACCCAGGAAAGCCAAAAGAAAACATAAAGGGG
CTGGCTCATTACCTCAAGGAGTATAAAGAGGCCATACATGATATGAATTCAGCAATGAGGACATGATA
AGAGAATTTGACAAATATGGCTAAGGTGCAAGATGAGAAGAGAAAAGCAAACAGAAATTTGGGGCGTTT
TTGTGGATGCAAAGAAATTTACAGGACCCCTTCTACCCTAGAGGTCCAAGGGAATTCAGGGGTGGCTGC
AGGGCCCCACGAAGGGACATTGAAGACATTCTTATGTGTAG
ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC
```

**Restriction Sites:** SgfI-MluI  
**ACCN:** NM\_001300901



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<b>Insert Size:</b>	1077 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>	<u><a href="#">NM_001300901.1</a></u>
<b>RefSeq Size:</b>	1740 bp
<b>RefSeq ORF:</b>	1077 bp
<b>Locus ID:</b>	79921
<b>UniProt ID:</b>	<u><a href="#">Q96EI5</a></u>
<b>Cytogenetics:</b>	Xq22.2
<b>MW:</b>	40.6 kDa
<b>Gene Summary:</b>	<p>This gene encodes a member of the transcription elongation factor A (SII)-like (TCEAL) gene family. This family is comprised of nuclear phosphoproteins that modulate transcription in a promoter context-dependent manner. Multiple family members are located on the X chromosome. Alternatively splicing results in multiple transcript variants. There is a pseudogene for this gene on chromosome 13. [provided by RefSeq, Apr 2015]</p> <p>Transcript Variant: This variant (5) contains multiple alternate exons in the 5' region, uses an alternate internal splice site, and initiates translation at an alternate start codon compared to variant 1. The encoded isoform (2) has a longer N-terminus than isoform 1.</p>