

## Product datasheet for **SC111977**

### TCEAL4 (NM\_024863) Human Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	TCEAL4 (NM_024863) Human Untagged Clone
Tag:	Tag Free
Symbol:	TCEAL4
Synonyms:	NPD017; WEX7
Mammalian Cell Selection:	None
Vector:	<u><a href="#">pCMV6-XL5</a></u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene ORF within SC111977 sequence for NM_024863 edited (data generated by NextGen Sequencing)

```
ATGGAAAACTCTACAGTAAAAATGAAGGAATGGCTTCAAACCAAGGAAAGATGGAAAAT
GAAGAACAGCCACAAGACGAGAGAAAAGCCAGAAGTAAGTACTTGTACTCTGGAAGACAAGAAG
TTAGAAAACGAGGGAAAGACAGAAAACAAGGGCAAACAGGAGATGAGGAAATGTTAAAG
GATAAAGGAAAGCCAGAGAGTGAGGGAGAGGCAAAGAAGGAAAGTCAGAGAGGGAGGGA
GAGTCAGAGATGGAGGGAGGATCAGAGAGAGAGGGAAAACAGAGATAGAGGGAAAGCCA
GAGAGTGAAGGAGAGCCAGGGAGTGAAACAAGGGCTGCAGGAAAGCGCCAGCTGAGGAT
GATGTACCCAGGAAAGCCAAAAGAAAACTAATAAGGGGCTGGCTCATTACCTCAAGGAG
TATAAAGAGGCCATACAGATATGAATTCAGCAATGAGGACATGATAAGAGAATTTGAC
AATATGGCTAAGGTGCAGGATGAGAAGAGAAAAAGCAAACAGAAATTTGGGGCGTTTTTG
TGGATGCAAAGAAATTTACAGGACCCCTTCTACCCTAGAGGTCCAAGGGAATTCAGGGGT
GGCTGCAGGGCCCCACGAAGGGACATTGAAGACATTCCTTATGTGTAG
```

Clone variation with respect to NM\_024863.4  
438 t=>c



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<b>5' Read Nucleotide Sequence:</b>	<p>&gt;OriGene 5' read for NM_024863 unedited</p> <pre>TACGACTCACTATAGGGCGGCCGGAATTCGGCACGAGGGTCTCGTCTGCTCCGGTTCCT GGGCTCCTAATCTTGGTCCAGCTTCTTCCAGGTCTGCGCGTCTGTTGTTCCAGCGCTC TGCGAAGCCTGAAAAGGAGGAGCAACCTGTCCAGAATCCCCGAGGGCAGGAAAAGGAGG GGAATCTCGACATGAAAACTCTACAGTGAAAATGAAGGAATGGCTTCAAACCAAGGA AAGATGAAAAATGAAGAACAGCCACAAGACGAGAGAAAAGCCAGAAGTAACCTGTACTCTG GAAGACAAGAAGTTAGAAAACGAGGAAAAGACAGAAAACAAGGGCAAAAACAGGAGATGAG GAAATGTTAAAGGATAAAGGAAAAGCCAGAGAGTGAGGGAGAGGCAAAAAGAAAGTCA GAGAGGGAGGGAGAGTCAGAGATGGAGGGAGGATCAGAGAGAGAGGAAAACAGAGATA GAGGAAAAGCCAGAGAGTGAAGGAGAGCCAGGGAGTGAACAAGGGCTGCAGGAAAGCGC CCAGCTGAGGATGATGTACCCAGGATAGCCAAAAGAAAACTAATAAGGGGCTGGCTCAT TACCTCAAGGAGTATAAAGAGGCCATACACGATATGAATTCAGCAATGAGGACATGATA AGAAGAATTGACATATGGCTAAGGTGCANGATGAGAAGAGAAAAAGCAAACAGAAATTGG GGCGTTTTTGTGGATGCAAAGAATTTACAGGACCCCTCTACCTAGAGGTCCAAGGGA ATTCAGGGGTGGCTGCANGGCCCCACGAAGGGACATTGAGACATTCCTTATGTGTAGTG TCCTTGGCAGGCATTTACCANGCCATGTGCTTTTACCGCTACGGTATACCTTACCTTTAG GCATTTCTCCGTGTGCTAGCAGNCTTTNGACCTATTTGCGATGCAATGTNCTCACGTAG AAAAGTCCATCGGTTCAT</pre>
<b>3' Read Nucleotide Sequence:</b>	<p>&gt;OriGene 3' read for NM_024863 unedited</p> <pre>GACCAACCCGATTCTANATCGAGTTTTTTTTTTTTTTTTTTTTTGGTTCTGCAAGTTGTGT TTTTAATTTTACAATGCACCATCAACATTTTTTCCATGTAACAGATGAACATTTCTACT GAGAACACTGCATTGCAGATAGGTCAAAAGGCTGCTAGCAACAGGAGGGATGCCTAAAGT AAAGTATTACCGTAACGTTAAAGCACATGGTCTGGTAAATGCCTGCCAGGACACTACAC ATAAGGAATGTCTTCAATGTCCCTTCGTGGGGCCCTGCAGCCACCCTGAATTCCTTGG ACCTCTAGGGTAGAAGGGTCTGTAAATTTCTTTCATCCAAAAACGCCCCCAATTT CTGTTTGTCTTTTCTTCTCATCCTGCACCTTAGCCATATTGTCAAATTCCTTATCAT GTCCTCATTGCTGAAATTCATATCGTGTATGGCCTCTTATACTCCTTGAGGTAATGAGC CAGCCCCATTAGTTTTCTTTGGCTTTCTGGGTACATCATCCTCAGCTGGGCGCTT TCCTGCAGCCCTGTTTCACTCCCTGGCTCTCCTTCACTCTCTGGCTTTCCCTCTATCTC TGGTTTTCCCTCTCTCTGATCCTCCCTCCATCTGACTCTCCCTCCCTCTGACTT TCCTTCTTTTGCCTCTCCCTCACTCTCTGGCTTTCCCTTATCCTTTAACATTTCCCTATC TCCTGTTTTGCCCTTGGTTTCTNGTCTTCCCTCGTTTTTCTAACTTCTTGNNTCCAGAGT ACAAGTACTTCTGGCCTTCTCTCGNCTTGGGGCTGTCTATTTTCCATCTTTCCTTGG TTGAAGCCATCCTTCAATTTACTGTANAGTTTTCCATGTGCGAGATTCCCCTCCTTCTGC CCTGCGGGATCCTGAAAGTTGCTCTCCTTTTAGCTT</pre>
<b>Restriction Sites:</b>	NotI-NotI
<b>ACCN:</b>	NM_024863
<b>Insert Size:</b>	1080 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).

**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\\_024863.4](#), [NP\\_079139.4](#)

**RefSeq Size:** 1353 bp

**RefSeq ORF:** 648 bp

**Locus ID:** 79921

**UniProt ID:** [Q96E15](#)

**Cytogenetics:** Xq22.2

**Gene Summary:** 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]  
Transcript Variant: This variant (1) encodes the shorter isoform (1). Variants 1, 2, 4, 6, 7, and 8 encode the same isoform (1).