

Product datasheet for **SC111478**

TCEAL3 (NM_032926) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	TCEAL3 (NM_032926) Human Untagged Clone
Tag:	Tag Free
Symbol:	TCEAL3
Synonyms:	WEX8
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene ORF within SC111478 sequence for NM_032926 edited (data generated by NextGen Sequencing) ATGGAAAAACCTACAATAAAAAATGAAGGAAACCTGGAAAACGAGGGAAAGCCAGAAGAT GAAGTAGAGCCTGATGATGAAGGAAAGTCAGACGAGGAAGAAAAGCCAGACGTGGAGGGG AAGACAGAATGCGAGGGAAAGAGAGAGGATGAGGGAGAGCCAGGTGATGAGGGACAAGT GAAGATGAGGGAAGCCAGGAAAAGCAGGGCAGGTCCGAAGGTGAGGGCAAGCCACAAGGC GAGGGCAAGCCAGCCTCCAGGCAAAGCCAGAGAGCCAGCCGCGGGCCGCCGAAAAGCGC CCGGCTGAAGATTATGTGCCCCGAAAGCAAAAAGAAAACGGACAGGGGGACGGACGAT TCCCCCAAGGACTCTCAGGAGGACTTACAGGAAAGGCATCTGAGCAGTGAGGAGATGATG AGAGAATGTGGAGATGTGTCAAGGGCTCAAGAGGAGCTAAGGAAAAACAGAAATGGGT GGTTTTTCATTGGATGCAAGAGATGTACAGGATCCATTGCCCCAAGGGGACAACGGGGT GTCAGGGGAGTGAGGGGTGGAGGTAGGGGCCAGAGGGGCTTACACGATATCCCATACCTT TAA

Clone variation with respect to NM_032926.2



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5' Read Nucleotide Sequence:

>OriGene 5' read for NM_032926 unedited
 ATACGACTCACTATAGGGCGGCCGCAATTCGGCACGAGGCCGGTCTGGCGCCCGCGCA
 GAACCACTGTCTGAGCTGCCCGGGCAGCGGGGAGCAGCGAGCGGGCTTCCGCGAGCCG
 GAGAAGGCACAGGCCTGTCCCGGTCCCGGCAGGTCTGCGCGTCTGTTCCAGCGCTCTG
 CGAGGCCATAAAAGGAGGAGCAACCTGTCCAGAATCCCTGCAGGACAGGAAAAGGAGGGG
 AAATCTCGACATGAAAAACCTACAATAAAATGAAGGAAACCTGAAAAACGAGGGAAA
 GCCAGAAGATGAAGTAGAGCCTGATGATGAAGGAAAGTCAGACGAGGAAGAAAAGCCAGA
 CGTGGAGGGGAAGACAGAATGCGAGGGAAGAGAGAGGATGAGGGAGAGCCAGGTGATGA
 GGGACAACCTGGAAGATGAGGGAAGCCAGGAAAAGCAGGGCAGGTCCGAAGGTGAGGGCAA
 GCCACAAGGCGAGGGCAAGCCAGCCTCCAGGCAAGCCAGAGAGCCAGCCGCGGGCCGC
 CGAAAAGCGCCCGGTGAAGATTATGTCCCGGAAAGCAAAAAGAAAACGGACAGGGG
 GACGGACGATTCCCCAAGGACTCTCAGGAGGACTTACAGGANAGGCATCTGAGCAGTGA
 GGAGATGATGAGAGAATGTGGAGATGTGTCAAGGGCTCAAGAGGAGCTAANGGAAAAACA
 GAANATGGGTGGTTTTTCATTGGNATGCAAGAGATGTACAGGGATCATTGCCCCANGNN
 GACAACGGGTGTCANGGAGTGAAGGGTTGAGTAGGGCCAAAGGGGCTACCGATATCCA
 TACCTTAATGCGTTNGNCTCCANCTGATTTCTGAGAGAAATGCTGCCTGCTTCTGTNAG
 ATTTGCAGCCATGCTTAACTAGCGAAGTGTCTTAAAGCAGCTCGTC

3' Read Nucleotide Sequence:

>OriGene 3' read for NM_032926 unedited
 TATGAACCGCGGCCGCAATCTAGGATCGAGTTTTTTTTTTTTTTTTTTTTTTTTTTTTT
 TTTTTTTTTTTTGCGGTCTGCAAACTTTTTTAAATTTAATTTATTTTTTACAAAGG
 ACCCTGAACATTTTTTCATGCCATGGGGGAAATCCTTACTAAAATATAAACGCC
 TAATTGGGTCAAAAAGGTGGTGGTAACCAAACTGACCTTTAAAGCAAAGTATTAACCTAA
 GGGTAAACATTGGGCCTGGCAATACCTACCAAGGAAAGCAGGGCCCCCAATTTTTTTA
 TAAAAAATCAAAATGGAAGGGCCAAGGCCTTAAAGGGATGGGATATCGGGTAAGCCCC
 TTTGGGCCTACCTTACCCCTTACTTCCCTGACACCCCGTTGTCCCCTTGGGGCGAAAG
 GATCCTGTACATTTCTTGCATCCCATGAAAACACCCCTTTTCTGGTTTTCTTAACT
 CCTCTTGAGCCCTTGACACATTTCCACATTTTCTCATCATCTCCTCACTGGTCAAAGCC
 CTTCTGTAAATCCTCCTGAGAGTCCTTGGGGGAAACGTCCCTCCCCCTGTCCCTTTTTC
 TTTTGGTTTCCGGGACATAATCTTCAACCGGGCGCTTTTGGGGGGCCCCGGGTGGC
 TCTCTGGCTTGGCTGGGAGGGCGGCTTCCCTCCCCTTGTGGGTGCCCCACCTTTGG
 ACCCGGCCTGGTTTTCTGGGCTTCCCTATTTTCCAAGGGGCCCTATTAACTGGGTCTC
 CCTATCTCTCTCTTTTCCCGCATTTTGGCTTCCCTCCACCGCTGGGTTTTTCTCTCG
 CGGACTTTCCTTATATAAGCTCTCCTCAATTCTTGGCTTCCCTGGTTTCAGGGTTCCT
 TAATTTTGAAGGGTTCCATGTGAGAATCCCTCCTTCCCTGCCAGGGATTGGCA
 GTTGCCCTCCTTTT

Restriction Sites:

NotI-NotI

ACCN:

NM_032926

Insert Size:

1120 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).

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: [NM_032926.2](#), [NP_116315.1](#)

RefSeq Size: 1142 bp

RefSeq ORF: 603 bp

Locus ID: 85012

UniProt ID: [Q969E4](#)

Cytogenetics: Xq22.2

Gene Summary: This gene encodes a member of the transcription elongation factor A (SII)-like (TCEAL) gene family. Members of this family contain TFA domains and may function as nuclear phosphoproteins that modulate transcription in a promoter context-dependent manner. 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 (2) differs in the 5' UTR compared to variant 1. Variants 1 and 2 encode the same isoform.