

Product datasheet for **SC301118**

TCEAL4 (NM_001006935) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	TCEAL4 (NM_001006935) 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:	>SC301118 representing NM_001006935. Blue=Insert sequence Red=Cloning site Green=Tag(s)

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GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCCGCATCGCC
ATGGAAAACTCTACAGTAAAAATGAAGGAATGGCTTCAAACCAAGGAAAGATGGAAAAATGAAGAACAG
CCACAAGACGAGAGAAAGCCAGAAGTAACCTGTACTCTGGAAGACAAGAAGTTAGAAAACGAGGGAAAG
ACAGAAAAACAAGGGCAAAACAGGAGATGAGGAAATGTTAAAGGATAAAGGAAAGCCAGAGAGTGAGGGA
GAGGCAAAAGAAGGAAAGTCAGAGAGGGAGGGAGAGTCAGAGATGGAGGGAGGATCAGAGAGAGAGGGA
AAACCAGAGATAGAGGAAAGCCAGAGAGTGAAGGAGAGCCAGGGAGTGAACAAGGGCTGCAGGAAAG
CGCCAGCTGAGGATGATGTACCCAGGAAAGCCAAAAGAAAACTAATAAGGGGCTGGCTCATTACCTC
AAGGAGTATAAAGAGGCCATACATGATATGAATTCAGCAATGAGGACATGATAAGAGAATTTGACAAT
ATGGCTAAGGTGCAGGATGAGAAGAGAAAAAGCAAACAGAAATGGGGGCGTTTTTGTGGATGCAAGA
AATTTACAGGACCCCTTCTACCTAGAGGTCCAAGGGAATTCAGGGGTGGCTGCAGGGCCCCACGAAGG
GACATTGAAGACATTCCTTATGTGTAG
ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGCGC
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Restriction Sites:	Sgfl-MluI
ACCN:	NM_001006935
Insert Size:	648 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).



OTI Annotation:	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
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:	<ol style="list-style-type: none">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_001006935.1
RefSeq Size:	1294 bp
RefSeq ORF:	648 bp
Locus ID:	79921
UniProt ID:	Q96E15
Cytogenetics:	Xq22.2
MW:	24.6 kDa
Gene Summary:	<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 (2) uses an alternate splice site in the 5' UTR compared to variant 1. Variants 1, 2, 4, 6, 7, and 8 encode the same isoform (1).</p>