

Product datasheet for **SC301747**

TCEAL5 (NM_001012979) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	TCEAL5 (NM_001012979) Human Untagged Clone
Tag:	Tag Free
Symbol:	TCEAL5
Synonyms:	WEX4
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC301747 representing NM_001012979. Blue=Insert sequence Red=Cloning site Green=Tag(s)

GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTG
 GATCCGGTACCGAGGAGATCTGCCGCC**CGATCGCC**
 ATGGAAGCTCTACAAAGAAATGAAGGAAAGCCAGAGAATGAAAGAAACCTAGAAAGTGAGGGAAAG
 CCAGAGGATGAGGGAAGTACAGAAGATGAAGGAAAGTCAGACGAGGAAGAAAGCCGGACATGGAGGGG
 AAGACAGAATGCGAGGGAAGCGAGAGGATGAGGGAGAGCCAGGTGATGAGGGACAAGTGAAGATGAG
 GGAAACCAGGAAAGCAGGGCAAGTCTGAAGGTGAGGACAAGCCACAAGTGAGGGCAAGCCAGCCTCC
 CAGGCCAAGCCAGAGAGCCAGCCGGGCCGCCGAAAGCGCCCGGTGAAGATTATGTGCCCGGAAA
 GCAAAAGAAAAACCGACAGGGGACGGACGATCCCCAAGGACTCTCAGGAGGACTTACAAGAAAGG
 CATCTGAGCAGTGAAGAGATGATGAGAGAATGTGGAGATGTGCAAGGGCTCAGGAGGAGCTAAGGAAA
 AAACAGAAAAATGGGTGGTTTTTCATTGGATGCAAGAGATGTACAGGATCCATTCGCCCAAGGGGCCAA
 CGGGGTGTGAGGGGAGTGAAGGGCGGAGGTAGGGGCCAGAAAGACTTAGAAGATGTCCCATATGTT**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
 TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC

Restriction Sites:	SgfI-MluI
ACCN:	NM_001012979
Insert Size:	621 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).


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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:	<u>NM_001012979.2</u>
RefSeq Size:	1166 bp
RefSeq ORF:	621 bp
Locus ID:	340543
UniProt ID:	<u>Q5H9L2</u>
Cytogenetics:	Xq22.1
MW:	23.3 kDa
Gene Summary:	This gene, which is located on the X chromosome, encodes a protein which contains a BEX (brain expressed X-linked like family) domain. This domain is found in proteins encoded by the TCEAL elongation factor (transcription elongation factor A (SII)-like) gene family also located on the X chromosome. The coding region for this gene is located entirely in the terminal exon. [provided by RefSeq, Sep 2011]