

Product datasheet for **SC120273**

TCEAL2 (NM_080390) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	TCEAL2 (NM_080390) Human Untagged Clone
Tag:	Tag Free
Symbol:	TCEAL2
Synonyms:	my048; MY0876G05; WEX1
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene ORF within SC120273 sequence for NM_080390 edited (data generated by NextGen Sequencing)

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ATGGAAAACTCTTCAATGAAAATGAAGGAATGCCTTCGAATCAAGGAAAGATAGACAAT
GAAGAACAGCCACCGCACGAGGGAAAGCCAGAAGTAGCTTGTATTCTGGAAGACAAGAAG
TTAGAAAACGAGGGAAACACAGAAAACACGGGCAAGAGAGTTGAGGAACCGTTAAAGGAT
AAAGAAAAGCCAGAGAGTGCGGGAAAGGCAAAGGAGAAGGAAAGTCAGAGAGGAAGGGA
AAGTCAGAGATGCAGGGAGGATCAAAGACAGAGGGAAAGCCAGAGAGAGGGGGAAGGCCA
GAGGGTGAAGGAGAGCCAGACAGTGAAGAGAGCCAGAGAGTGAAGGAGAGCCAGAAAAGT
GAAACAAGGGCTGCAGGAAAGCGCCAGCTGAGGATGATATACCCAGGAAAGCCAAAAGA
AAAACCAACAAGGGGCTGGCTCAGTACCTCAAGCAATATAAGGAAGCCATACATGATATG
AATTTTCAGCAATGAGGACATGATAAGAGAATTTGACAACATGGCTAGGGTGGAGGATAAA
AGGAGAAAAAGCAAACAGAAATTGGGGCGTTTTTGTGGATGCAAAGAAATTTACAGGAC
CCCTTCTATCCTAGGGTCCAAGGGAATTCAGGGTGGCTGCAGGGCCCCACGAAGGGAC
ACTGAAGACATTCCTTATGTGTAG
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Clone variation with respect to NM_080390.3



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5' Read Nucleotide Sequence:	>OriGene 5' read for NM_080390 unedited GTAAAGTCAAATTTTGTATACGACTCACTATAGGCGGCCGCGATTTCGGCACGAGGGCGGG CTTCAGCGAGCCGAGGAGGCACAGGCCTGTCCTGGGTCCCCGACAGGTCTGCGCGTCTGT TGTTCCCAGCGCTCTGAGAGGCCTGAAAAGGAAGAGCAACCTGTCCAGAAATCCCCGAGG AAAGGAAAAGGAGGGGAAATCTCGACATGGAAAACTCTTCAATGAAAATGAAGGAATGC CTTCGAATCAAGGAAAGATAGACAATGAAGAACAGCCACCGCACGAGGGAAAGCCAGAAG TAGCTTGTATTCTGGAAGACAAGAAGTTAGAAAACGAGGAAACACAGAAAACACGGGCA AGAGAGTTGAGGAACCGTTAAAGGATAAAGAAAAGCCAGAGAGTGCGGGAAAGGCAAAAAG GAGAAGGAAAGTCAGAGAGGAAGGGAAAGTCAGAGATGCAGGGAGGATCAAAGACAGAGG GAAAGCCAGAGAGAGGGGAAAGGCAGAGGGTGAAGGAGAGCCAGACAGTAAAGAGAGC CAGAGAGTGAGGGAGAGCCAGAAAGTGAACAAGGGCTGCAGGAAAGCGCCAGCTGAGG ATGATATACCCAGGAAAGCCAAAAGAAAACCAACAAGGGGCTGGCTCAGTACCTCAAGC AATATAAGGAAGCCATACATGATATGAATTTAGCAATGAGGACATGATAAGAGAATTTG ACAACATGGCTAGGGTGGAGGATAAAGGAGAAAAAGCANACAGAATTGGGGCGTTTTT GTGGATGCAAAGAAATTTACAGGACCCCTTCTATCCCTAGGGTCCAAGGGAATTCAGGNN GTGCTGCAAGGCCCCACGAAGGGACACTGAGACATTCTTATGTGTAGTGTCCCTGGCAGC ATTTGT
Restriction Sites:	NotI-NotI
ACCN:	NM_080390
Insert Size:	1000 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:	<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_080390.3 , NP_525129.1
RefSeq Size:	1123 bp
RefSeq ORF:	684 bp
Locus ID:	140597
UniProt ID:	Q9H3H9
Cytogenetics:	Xq22.1

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. [provided by RefSeq, Jul 2008]