

Product datasheet for **SC326190**

TLE2 (NM_001144761) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	TLE2 (NM_001144761) Human Untagged Clone
Tag:	Tag Free
Symbol:	TLE2
Synonyms:	ESG; ESG2; GRG2
Vector:	<u>pCMV6 series</u>



[View online »](#)

Fully Sequenced ORF: >NCBI ORF sequence for NM_001144761, the custom clone sequence may differ by one or more nucleotides

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ATGGTGAATCACGGCTCACTGCAACCTCCGCCTCCCAAGATTCTCCTGCTTCAGGATTA
CAGACCCCGCTCCAGTCCGGCCAGCCCTCAAGTTCTCGATCTTGGAGATCTGCGACCGC
ATCAAAGAAGAATTCCAGTTTCTTCAGGCTCAATACCACAGCCTCAAGCTAGAATGTGAG
AAGCTGGCCAGCGAGAAGACGGAATGCAGCGACATTATGTCATGATTATGAGATGTCG
TACGGGCTCAACATTGAAATGCATAAGCAGGCGGAGATTGTGAAGCGTCTGAGCGGTATC
TGCGCTCAGATTATCCCTTCTGACCCAGGAGCATCAGCAGCAGGTGCTCCAGGCCGTA
GAACGCGCCAAGCAGGTACCGTGGGGGAGCTGAACAGCCTCATCGGGCAGCAGCAGCTC
CAGCCGCTGTCCACCACGCACCCCTGTGCCCTCACCCCGCCAGCCGGGCTGGTG
GGCGGCAGTGCTACGGGGCTGCTTGTCTGTCTGGAGCCCTGGCTGCCAGGCTCAGCTG
GCGGGGCTGTCAAGGAGGACCGTGCAGGGCTGGAGGCCAGGGGTCCAGAGTGGAGAGA
GCCCGGAGCAGGAGTGCATCTCCCTCGCCCTGAGAGTCTCGTGGAGGAGGAGCGACCG
AGTGGCCCTGGTGGTGGCGGAAGCAGAGAGCAGATGAGAAGGAGCCATCAGGACCTTAT
GAAAGCGACGAAGACAAGAGTGATTACAATCTGGTGGTGGACGAGGACCAACCCTCAGAG
CCCCCAGCCCGCTACCCACCCCTGCGGAAAGGTACCCATCTGCATTCTGCCCCGTCGG
GACCTGGTGGACAGTCCAGCCTCCTTGGCTCTAGCCTTGGCTCACCGCTGCCTAGAGCC
AAGGAGCTCATCTGAATGACCTTCCCGCCAGCACTCCTGCCTCCAAATCCTGTGACTCC
TCCCCGCCCCAGGACGCTTCCACCCCGGGCCAGCTCGGCCAGTCACTCTGCCAGCTT
GCTGCCAAGCCAGCACCTTCCACGGACAGCGTCGCCCTGAGGAGCCCCCTGACTCTGTCC
AGTCCCTTACCACGTCCTTACGCTGGGCTCCACAGCACTCTCAACGGAGACCTCTCC
GTGCCCAGCTCCTACGTCAGCCTCCACCTGTCCCCCAGGTCAGCAGCTCTGTGGTGTAC
GGACGCTCCCCGCTGATGGCATTGAGTCTCATCCCCATCTCCGAGGGTATCCGCTCTCT
TCTCCCTACCCAGCATCCCTGGGGGAAAGCCGGCTACTCCTTCCACGTGTCTGCGGAC
GGCAGATGCAGCCGTTCCCTTCCCTCGGATGCACTGGTAGGCGGGGATCCCGCGG
CACGCCCGGACGCTGCACACGCTGGCCATGGCGAGGTGGTCTGCGCGGTACCATCAGC
GGCTCCACACAGCATGTGTACACGGGCGCAAGGGCTGTGTGAAGGTGTGGGACGTGGGC
CAGCCTGGGGCAAGACGCCCGTGGCCAGCTCGACTGCCTGAACCGAGACAACACTACATT
CGTTCTGCAAGTTGCTGCCGATGGCCGGAGTCTGATCGTGGCGGTGAGGCCAGCACC
TTGTCCATTTGGGACCTGGCGGCCACCCCGTATCAAGGCCGAGCTGACTTCTCTCA
GCCCAGCCTGCTACGCCCTGGCCGTGAGCCCCAGCACAAGGTTTGGTCTCTCTGCTGC
AGCGATGGCAACATTGTGGTCTGGGACCTGCAGAATCAGACTATGGTCAGGCAGTTCCAG
GGCCACACGGACGGCGCCAGCTGCATTGATATTTCCGATTACGGCACTCGGCTCTGGACA
GGGGGCTGGACAACACGGTGGCTGCTGGGACCTGCGGGAGGGCCGACGCTGCAGCAG
CATGACTTCAGCTCCAGATTTTCTCCCTGGGCCACTGCCCTAACAGGACTGGCTGGCG
GTCGGAATGGAGAGTAGCAACGTGGAGATCCTGCACGTCCGCAAGCCGGAGAAATACCAG
CTGCACCTCCACGAGAGTGCCTGCTGTCCCTGAAGTTTGCTCCTGCGTCCAAGGAGTC
GTCCTCAGTCCTGAGTTG
    
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Restriction Sites: Please inquire

ACCN: NM_001144761

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:	<u>NM_001144761.1, NP_001138233.1</u>
RefSeq Size:	2508 bp
RefSeq ORF:	2121 bp
Locus ID:	7089
UniProt ID:	<u>Q04725</u>
Cytogenetics:	19p13.3
Protein Families:	Transcription Factors
Gene Summary:	<p>Transcriptional corepressor that binds to a number of transcription factors. Inhibits the transcriptional activation mediated by CTNNB1 and TCF family members in Wnt signaling. The effects of full-length TLE family members may be modulated by association with dominant-negative AES (By similarity).[UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (2) differs in the 5' UTR and has multiple coding region differences compared to variant 4, one of which results in a frameshift. This results in a shorter isoform (2) with distinct N- and C-termini compared to isoform 4.</p>