

Product datasheet for **SC337353**

TLE2 (NM_001300846) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	TLE2 (NM_001300846) Human Untagged Clone
Tag:	Tag Free
Symbol:	TLE2
Synonyms:	ESG; ESG2; GRG2
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >NCBI ORF sequence for NM_001300846, the custom clone sequence may differ by one or more nucleotides

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ATGTACCCCAAGGAAGGCACCCGACCCCGCTCCAGTCCGGCCAGCCCTCAAGTTCTCGATCTTGGAGA
TCTGCGACCCATCAAAGAAGAATTCCAGTTTCTTCAGGCTCAATACCACAGCCTCAAGCTAGAATGTGA
GAAGCTGGCCAGCGAGAAGACGAAATGCAGCGACATTATGTCATGTATTATGAGATGTCGTACGGGCTC
AACATTGAAATGCATAAGCAGGCGGAGATTGTGAAGCGTCTGAGCGGTATCTGCGCTCAGATTATCCCT
TCTGACCCAGGAGCATCAGCAGCAGGTCTCCAGGCCGTAGAACGCGCCAAGCAGGTACCCGTGGGGGA
GCTGAACAGCCTCATCGGGCAGCAGCAGCTCCAGCCGCTGTCCCACCACGCACCCCTGTGCCCTCACC
CCCCGCCAGCCGGGCTGGTGGGCGGCAGTGCTACGGGGCTGCTTGTCTGTCTGGAGCCCTGGTGCC
AGGCTCAGCTGGCGGGCTGTCAAGGAGGACCGTGGGGCGTGGAGGCCGAGGGGTCCAGAGTGGAGAG
AGCCCCGAGCAGGAGTGCATCTCCCTCGCCCCCTGAGAGTCTCGTGGAGGAGGAGCGACCGAGTGGCCCT
GGTGGTGGCGGAAGCAGAGAGCAGATGAGAAGGAGCCATCAGGACCTTATGAAAGCGACGAAGACAAGA
GTGATTACAATCTGGTGGTGGACGAGGACCAACCTCAGAGCCCCCAGCCGGCTACCACCCCTGCGG
AAAGGTACCCATCTGCATTCTGCCCCGTGGGACCTGGTGGACAGTCCAGCCTCCTTGGCCTCTAGCCTT
GGCTACCCGCTGCCTAGAGCCAAGGAGCTCATCTGAATGACCTTCCCGCCAGCACTCCTGCCTCCAAAT
CCTGTGACTCCTCCCCGCCAGGACGCTTCCACCCCGGGCCAGCTCGGCCAGTCACTCTGCCAGCT
TGCTGCCAAGCCAGCACCTTCCACGGACAGCGTCCGCCCTGAGGAGCCCCCTGACTCTGTCCAGTCCCTTC
ACCACGTCCTTACGCTGGGCTCCACAGCACTCTCAACGGAGACCTCTCCGTGCCAGCTCCTACGTCA
GCCTCCACCTGTCCCCCAGGTCAGCAGCTCTGTGGTGTACGGACGCTCCCCGTGATGGCATTGTAGTC
TCATCCCCATCTCCGAGGGTCACTCGTCTCTTCTCCCTACCCAGCATCCCTGGGGAAAGCCGGCTAC
TCCTTCCAGTGTCTGCGGACGGGCAGATGCAGCCGGTTCCTTCCCTCGGATGCACTGGTAGGGCGGG
GCATCCCGCGGCACGCCCGGACGCTGCACACGCTGGCCCATGGCGAGGTGGTCTGCGCGTCACCATCAG
CGGCTCCACACAGCATGTGTACACGGCGGCAAGGGCTGTGTGAAGGTGTGGGACGTGGGCCAGCCTGGG
GCCAAGACGCCCGTGGCCAGCTCGACTGCCTGAACCGAGACAACCTACATTGTTCTGCAAGTTGCTGC
CGGATGGCCGGAGTCTGATCGTGGGCGGTGAGGCCAGCACCTTGTCCATTTGGGACCTGGCGGCCCCAC
CCCCCGTATCAAGGCCGAGCTGACTTCTCAGCCCCAGCCTGCTACGCCCTGGCCGTGAGCCCCGACGCC
AAGTTTGTCTCTCTGCTGCAGCGATGGCAACATTGTGGTCTGGGACCTGCAGAATCAGACTATGGTCA
GGCAGTTCAGGGCCACACGGACGGCGCCAGCTGCATTGATATTTCCGATTACGGCACTCGGCTCTGGAC
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AGCTCCAGATTTTCTCCCTGGGCCACTGCCCTAACAGGACTGGCTGGCGGTGGGAATGGAGAGTAGCA
ACGTGGAGATCCTGCACGTCCGCAAGCCGGAGAAATACCAGCTGCACCTCCACGAGAGCTGCGTGTGTC
CCTGAAGTTTGCCTCTGCGGACGGTGGTTTGTGAGCACCGGGAAGGACAACCTGCTCAACGCCTGGAGG
ACGCCGTACGGGGCCAGCATTTTCCAGTCCAAGGAGTCTGCTCAGTCTGAGTTGTGACATCTCCAGAA
ATAACAAATACATCGTGACAGGCTCGGGGGACAAGAAGGCCACCGTGTATGAGGTGGTCTACTGA
    
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Restriction Sites: SgfI-MluI

ACCN: NM_001300846

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:	<u>NM_001300846.1, NP_001287775.1</u>
RefSeq Size:	2759 bp
RefSeq ORF:	2235 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 (4) represents the longest transcript and encodes the longest isoform (4).</p>