

Product datasheet for **SC337382**

TLE 1 (TLE1) (NM_001303104) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	TLE 1 (TLE1) (NM_001303104) Human Untagged Clone
Tag:	Tag Free
Symbol:	TLE1
Synonyms:	ESG; ESG1; GRG1
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_001303104, the custom clone sequence may differ by one or more nucleotides

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ATGTTCCCGCAGAGCCGGCACCCGACGCCGACCCAGGCTGCAGGCCAGCCCTTCAAGTTCACATATCCCGG
AGTCCCTGGACCGGATTAAGAGGAATTCAGTTCCTGCAGGCCAGTATCACAGCCTTAAATTGGAATG
TGAGAAACTGGCAAGTGAAAAGACAGAAATGCAGAGGCACTATGTGATGATTATGAAATGTCATATGGA
TTAAACATTGAAATGCACAAACAGACTGAAATCGCCAAGAGATTGAATACGATTTGTGCACAAGTCATCC
CATTTCTGTCTCAGGAACATCAACAACAGGTGGCCAGGCTGTTGAACGTGCCAAACAGGTGACCATGGC
AGAATTGAATGCCATCATCGGGCAGCAGAGTTGCAAGCTCAGCATCTTTCTCATGGCCACGGACCCCA
GTTCCCTTACGCCTCACCCCTCGGGACTTCAGCCTCCTGGAATCCCGCCCTCGGGGCGAGTGCAGGCC
TTCTTGCCTGTCTAGTGTCTGAGTGGCAGTCTCACTTGGCAATAAAAGATGACAAGAAGCACCACGA
TGCAGAGCACCACAGAGACAGAGAGCCGGGCACAAGTAATCCCTCCTGGTCCCAGACAGTCTAAGAGGC
ACAGATAAACGCAGAAAATGGACCTGAATTTTCCAATGACATCAAGAAAAGGAAGGTGGATGATAAGGACT
CCAGCCACTATGACAGTGTGGTGACAAAAGCGATGACAACTTAGTTGTGGATGTGTCTAATGAGGACCC
TTCTTCTCCGCGAGCAAGCCCTGCCACTCGCCCCGGGAAAATGGAATCGACAAAATCGCTGCTAAAG
AAGGATGCTTCTAGCAGTCCAGCTTCCACGGCCTCCTCGGCAAGTTCACCTTCTTTGAAATCCAAAGAAA
TGAGCTTGCATGAAAAGCCAGCAGCCTGTTCTGAAATCCAGCACACCAACGCCTCGGAGCGACATGCC
AACGCCGGCACCAGCGCCACTCCAGGCCTCCGTCCAGCAGCTGGCTTGAGGACACCCCTGGCAGTGCC
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CTGGCAGGAATCCCTGGGGGAAAACCTGCATACTCCTCCACGTTACTGCAGACGGTCAGATGCAGCCTG
TCCTTTTCCCCCGACGCCCTCATCGGACCCGGAATCCCCGGCATGCTCGCCAGATCAACACCCTCAA
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TGCGTCAAGGTCTGGGACATCAGCCACCCTGGCAATAAGAGCCCTGTCTCCAGCTCGACTGTCTGAACA
GAGACAATTATATCCGTTCTGTAAATTGCTACCCGATGGCTGCACTCTCATAGTGGGAGGGGAAGCCAG
TACTTTGTCCATTTGGGACCTGGCGGCTCAACCCCGCGCATCAAGGCGGAGCTGACGTCTCGGCCCC
GCCTGCTACGCCCTGGCCATCAGCCCCGATTCCAAGGTCTGCTTCTCATGCTGCAGCGACGGCAACATCG
CTGTGTGGGATCTGCACAACCAGACACTAGTGAGGCAATCCAGGGCCACACAGACGGAGCCAGCTGAT
TGACATTTCTAATGATGGCACCAGCTCTGGACGGGTGGTTTGGACAACACAGTCAAGTCTGGGACCTG
CGCGAGGGGCGGAGCTGCAGCAGCAGCACTTACCTCCCAGATCTTCTCCTGGGGTACTGCCCCACCG
GGGAGTGGCTGGCAGTGGCATGGAGAGCAGCAATGTGGAGGTGCTGCACGTGAACAAGCCTGACAAGTA
CCAGCTGCACCTGCATGAGAGCTGCGTGTCTCCCTGAAATTTGCTTACTGTGGTAAATGGTTTGTGAGT
ACTGAAAAGATAACCTCCTCAATGCTTGGCGGACCCCTATGGAGCCAGCATATCCAGTCCAAAGAGT
CCTCGTCAGTGCTTAGCTGTGACATCTCTGTGGATGATAAGTACATAGTCACTGGCTCGGGGACAAGAA
GGCTACAGTCTATGAAGTCATCTACTGA
    
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Restriction Sites: SgfI-MluI

ACCN: NM_001303104

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_001303104.1, NP_001290033.1</u>
RefSeq Size:	4092 bp
RefSeq ORF:	2268 bp
Locus ID:	7088
UniProt ID:	<u>Q04724</u>
Cytogenetics:	9q21.32
Protein Families:	Transcription Factors
Gene Summary:	<p>Transcriptional corepressor that binds to a number of transcription factors. Inhibits NF-kappa-B-regulated gene expression. Inhibits the transcriptional activation mediated by FOXA2, and 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. Unusual function as coactivator for ESRRG.[UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (3) uses two alternate in-frame splice sites compared to variant 1. The encoded isoform (3) is shorter than isoform 1.</p>