

Product datasheet for **SC325202**

TLE6 (NM_001143986) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	TLE6 (NM_001143986) Human Untagged Clone
Tag:	Tag Free
Symbol:	TLE6
Synonyms:	GRG6; PREMBL
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >OriGene sequence for NM_001143986 edited
AACTTGGCTGACCTCCGCAGCTTCCGCCGACTCTGGCTAAAGTCTTGGAGGCTACTGCC
TTGAAGATGACCTCTAGGGACCAGCCAGACCAAGGGCCCCCGAAAAGCACTTCGCCT
TGTCCTGGGATCTCGAATCTGAGAGCTCTCCGACGCTGAATTATCAGGGCATTCTAAAT
CGGCTCAAGCAGTTCCCCAGGTTTTCTCCTCATTTTGTGCGGAGTTGGAGAGCATTTAC
TACTCGCTGCACAAGATCCAGCAGGATGTGGCAGAACATCACAAGCAGATAGGAAACGTC
TTACAGATTGTGGAGAGCTGCAGCCAACCTCCAGGTTTTCCAGTCTGAGGAGGTCTCACCT
GCTGAACCCAGCCAGCCCTGGGACGCCCCAGCAGGTGAAGGACAAGACCCTGCAGGAGTCG
AGCTTTGAGGACATCATGGCCACCAGGTCTCCGACTGGCTCCGGCGGCCTTTGGGGGAG
GACAATCAGCCGGAGACCCAGCTGTTCTGGGACAAGGAGCCTTGTTTTGGCACGACACT
CTGACCGAGCAACTCTGGCGGATTTTTGCCGGCGTCCACGATGAGAAGGCAAAGCCGAGA
GACAGACAGCAGGCACCAGGCCTGGGGCAGGAAAGCAAGGCACCAGGATCCTGTGACCCA
GGAACAGACCCATGTCTGAAGATGCCTCCACCCCGAGGCCACCTGAGGCCTCCTCCAGT
CCCCCTGAGGGTTCCCAAGACAGGAACACAAGTTGGGGTGTGGTCCAGGAGCCTCCTGGA
AGAGCCTCTCGGTTTCTACAGTCCATATCCTGGGACCCTGAGGACTTTGAAGATGCATGG
AAGAGGCCAGATGCCTTGCCCGGCAGTCAAAGAGACTCGCCGTCCCGTGCAAACCTGGAA
AAGATGCGGATCTTGGCACACGGGGAGCTCGTGCTCGCCACGGCCATCAGCAGCTTCACG
CGGCACGTGTTACCTGTGGCAGAAGAGGCATCAAGGTGTGGAGCCTGACTGGACAGGTG
GCTGAGGACAGGTTCCCTGAGAGCCACCTGCCTATACAGACCCCTGGGGCCTTCTGCGC
ACCTGCCTGCTGTCTCAAACAGCAGGAGCCTGCTCACCGGTGGCTACAACCTGGCCAGC
GTGAGCGTGTGGACCTGGCGGCGCCCTCCCTGCATGTGAAGGAGCAGTTGCCCTGTGCA
GGTCTCAACTGCCAGGCCCTGGATGCCAACCTGGATGCCAACCTGGCCTTCGCCAGCTTC
ACCATGGTGTGGTCAGGATCTGGGACCTGCGGGATCAGAGTGTGGTCAGGGACCTCAAG
GGTTATCCTGATGGAGTCAAGAGTATCGTGGTCAAGGGCTACAACATCTGGACTGGGGT
CCGGATGCCTGTCTGCGGTGCTGGGACCAGAGGACCATCATGAAACCTCTGGAGTACCAA
TTCAAGTCTCAGATAATGAGCCTGTCCACAGCCCCAGGAGGACTGGGTGCTGTGGGC
ATGGCCAATGGCCAGCAGTGGCTGCAAAGCACCAGCGGGAGCCAGCGGCACATGGTGGGG
CAAAAAGACAGCGTCATCCTGAGCGTCAAGTTCTCCCCCTTTGGCCAGTGGTGGGCAAGC
GTTGGAATGGACGACTTCTTGGCGTCTACAGCATGCCGGCGGGGACAAAAGTGTTCGAG
GTGCTGAGATGTCTCCAGTCACGTGCTGTGACGTCTCTTCCAACAACCGCCTCGTTGTC
ACAGGCTCCGGGGAGCACGCCTCCGTGTACCAGATCACCTACTGAGGGGCCTCGCTGCTG
TCATCCCACCTCCGGCTCCTCTTTTCATCCCCCCCCTTCCCCCCCCCAACAAGGGGGACA
TGGTGGAGGGAAGCGGGAAGGCTCTTCTGTGGCATCGCACGATCTAGTCTGTGGTGTAGA
CTGGTCGCCATCAGTGTAATAAAGCACCCGGGAAAGGCAGAGTGAIAAAAAAAAAAAAAA
AAAAAAAAA

Restriction Sites: Please inquire
ACCN: NM_001143986
Insert Size: 2000 bp

OTI Disclaimer:	Due to the inherent nature of this plasmid, standard methods to replicate additional amounts of DNA in E. coli are highly likely to result in mutations and/or rearrangements. Therefore, OriGene does not guarantee the capability to replicate this plasmid DNA. Additional amounts of DNA can be purchased from OriGene with batch-specific, full-sequence verification at a reduced cost. Please contact our customer care team at custsupport@origene.com or by calling 301.340.3188 option 3 for pricing and delivery. The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. More info
OTI Annotation:	The ORF of this clone has been fully sequenced and found to be a perfect match to NM_001143986.1.
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:	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_001143986.1, NP_001137458.1</u>
RefSeq Size:	2033 bp
RefSeq ORF:	1719 bp
Locus ID:	79816
UniProt ID:	<u>Q9H808</u>
Cytogenetics:	19p13.3
Protein Families:	Transcription Factors
Gene Summary:	This gene encodes a member of the Groucho/ transducin-like Enhancer of split family of transcriptional co-repressors. The encoded protein is a component of the mammalian subcortical maternal complex, which is required for preimplantation development. In mouse, knock out of this gene results in cleavage-stage embryonic arrest resulting from defective cytoplasmic F-actin meshwork formation and asymmetric cell division. In human, an allelic variant in this gene is associated with preimplantation embryonic lethality. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Sep 2016] Transcript Variant: This variant (1) represents the longer variant and it encodes the longer protein (isoform 1).