

Product datasheet for **SC122967**

TLE6 (NM_024760) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	TLE6 (NM_024760) 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:

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>OriGene sequence for NM_024760 edited
AACTTGGCTGACCTCCGCAGCTTCCGCCGACTCTGGCTAAAGTCTTGGAGGCTACTGCC
TTGAAGATGACCTCTAGGGACCAGCCAGACCAAGGGCCCCCGAAAAGCACTTCGCCT
TGTCCTGGGATCTCGAACTCTGAGAGCTCTCCGACGCTGAATTATCAGGGCATTCTAAAT
CGGCTCAAGCAGTTCCCCAGGTTTTCTCCTCATTTTGTGCGGAGTTGGAGAGCATTTAC
TACTCGCTGCACAAGATCCAGCAGGATGTGGCAGAACATCACAAGCAGATAGGAAACGTC
TTACAGATTGTGGAGAGCTGCAGCCAACCTCCAGGTTTTCCAGTCTGAGGAGGTCTACCT
GCTGAACCAGCCAGCCCTGGGACGCCCCAGCAGGTGAAGGACAAGACCCTGCAGGAGTCG
AGCTTTGAGGACATCATGGCCACCAGGTCTCCGACTGGCTCCGGCGGCCTTTGGGGAG
GACAATCAGCCGGAGACCCAGCTGTTCTGGGACAAGGAGCCTTGTTTTGGCACGACACT
CTGACCGAGCAACTCTGGCGGATTTTTGCCGGCGTCCACGATGAGAAGGCAAAGCCAGA
GACAGACAGCAGGCACCAGGCCTGGGGCAGGAAAGCAAGGCACCAGGATCCTGTACCCA
GGAACAGACCCATGTCTGAAGATGCCTCCACCCCGAGCCACCTGAGGCCTCCTCCAGT
CCCCCTGAGGGTTCCCAAGACAGGAACACAAGTTGGGGTGTGGTCCAGGAGCCTCCTGGA
AGAGCCTCTCGGTTTCTACAGTCCATATCCTGGGACCCTGAGGACTTTGAAGATGCATGG
AAGAGGCCAGATGCCTTGCCCGGCAGTCAAAGAGACTCGCCGTCCCGTGCAAACCTGGAA
AAGATGCGGATCTTGGCACACGGGGAGCTCGTGCTCGCCACGGCCATCAGCAGCTTCACG
CGGCACGTGTTACCTGTGGCAGAAGAGGCATCAAGGTGTGGAGCCTGACTGGACAGGTG
GCTGAGGACAGGTTCCCTGAGAGCCACCTGCCTATACAGACCCCTGGGGCCTTCTGCGC
ACCTGCCTGCTGTCTCAAACAGCAGGAGCCTGCTCACCAGGTGGCTACAACCTGGCCAGC
GTGAGCGTGTGGGACCTGGCGGCGCCCTCCCTGCATGTGAAGGAGCAGTTGCCCTGTGCA
GGTCTCAACTGCCAGGCCCTGGATGCCAACCTGGATGCCAACCTGGCCTTCGCCAGCTTC
ACCATGGTGTGGTCAGGATCTGGGACCTGCGGGATCAGAGTGTGGTCAGGGACCTCAAG
GGTTATCCTGATGGAGTCAAGAGTATCGTGGTCAAGGGCTACAACATCTGGACTGGGGT
CCGGATGCCTGTCTGCGGTGCTGGGACCAGAGGACCATCATGAAACCTCTGGAGTACCAA
TTCAAGTCTCAGATAATGAGCCTGTCCACAGCCCCAGGAGGACTGGGTGCTGTGGGC
ATGGCCAATGGCCAGCAGTGGCTGCAAAGCACCAGCGGGAGCCAGCGGCACATGGTGGGG
CAAAAAGACAGCGTCATCCTGAGCGTCAAGTTCTCCCCCTTTGGCCAGTGGTGGGCAAGC
GTTGGAATGGACGACTTCTTGGCGTCTACAGCATGCCGGCGGGGACAAAAGTGTTCGAG
GTGCTGAGATGTCTCCAGTCACGTGCTGTGACGTCTCTTCCAACAACCGCCTCGTTGTC
ACAGGCTCCGGGGAGCACGCCTCCGTGTACCAGATCACCTACTGAGGGGCCTCGCTGCTG
TCATCCCACCTCCGCTCCTCTTTTCATCCCCCCCCTTCCCCCCCCCAACAAGGGGGACA
TGGTGGAGGGAAGCGGGAAGGCTCTTCTGTGGCATCGCACGATCTAGTCTGTGGTGTAGA
CTGGTCGCCATCAGTGTAATAAAGCACCCGGGAAAGGCAGAGTGAIAAAAAAAAAAAAAA
AAAAAAAAAA
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5' Read Nucleotide Sequence:	>OriGene 5' read for NM_024760 unedited NAGTTCAATTTTGTATACGACTCACTATAGGCGGCCGCGAATTCGCACGAGNAACTTGGC TGACCTCCGCAGCTTCCGCCGACTCTGGCTAAAGTCTTGGAGGCTACTGCCTTGAAGAT GACCTCTAGGGACCAGCCAGACCCAAGGGCCCCCGAAAGCACTTCGCCTTGTCTGGG ATCTCGAACTCTGAGAGCTCTCCGACGCTGAATTATCAGGGCATTCTAAATCGGCTCAAG CAGTCCCCCAGGTTTTCTCCTCATTTTGTCTGCGGAGTTGGAGAGCATTTACTACTCGTG CACAAGATCCAGCAGGATGTGGCAGAACATCACAAGCAGATAGGAAACGCTTACAGATT GTGGAGAGCTGCAGCCAACCTCCAGGGTTTCCAGTCTGAGGAGGTCTACCTGCTGAACCA GCCAGCCCTGGGACGCCCCAGCAGGTGAAGGACAAGACCCTGCAGGAGTCGAGCTTTGAG GACATCATGGCCACCAGGTCCTCCGACTGGCTCCGGCGGCCTTTGGGGGAGGACAATCAG CCGGAGACCCAGCTGTTCTGGGACAAGGAGCCTTGGTTTTGGCACGACACTCTGACCCGAG CAACTCTGGCGGATTTTGGCGGCTCCACGATGAGAAGGCAAAGCCAGAGACAGACAG CAGGCACCAGGCCTGGGGCAGGAAAGCAAGGCACCAGGATCCTGTGACCCAGGAACAGAC CCATGTCTGAAGATGCCTCCACCCCAAGGCCACCTGAGGCCTCCTCCAGTCCCNCTGAG GGTTCCCAAGACAGGAACACAAGTTGGGGGTGTGGTCCAGGAGCCTCCTGGAAGACCTCT CGGTTTCTACAGTCCATATCCTGGGACCCCTGAGACTTTGAAGATGCATGGNAAGAGCCA GATGCCTTGA
Restriction Sites:	Please inquire
ACCN:	NM_024760
Insert Size:	1990 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:	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_024760.1 , NP_079036.1
RefSeq Size:	1977 bp
RefSeq ORF:	1350 bp
Locus ID:	79816
UniProt ID:	Q9H808
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 (2) lacks an alternate in-frame segment, in the 5' coding region and uses a downstream start codon, compared to variant 1. Isoform 2 has a shorter N-terminus, compared to isoform 1.