

## Product datasheet for **SC337239**

### **TLE3 (NM\_001282982) Human Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	TLE3 (NM_001282982) Human Untagged Clone
Tag:	Tag Free
Symbol:	TLE3
Synonyms:	ESG; ESG3; GRG3; HsT18976
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\_001282982, the custom clone sequence may differ by one or more nucleotides

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ATGTCCTATGGCTTGAACATTGAAATGCACAAGCAGACAGAGATTGCGAAGAGACTGAACACAATTTT
CACAGATCATGCCTTTCCTGTACAAGAGCACCAGCAGCAGGTGGCGCAGGCAGTGGAGCGGCCAAGCA
GGTCACCATGACGGAGCTGAACGCCATCATCGGGGTACGTGGACTCCCCAATCTGCCTCTTACCCAGCAG
CAGCTCCAGGCGCAGCACCTCTCCCATGCCACACACGGCCCCCGGTCCAGTTGCCACCCACCCGTCAG
GTCTCCAGCCTCCAGGAATCCCCCAGTGACAGGGAGCAGCTCCGGGCTGCTGGCACTGGGCGCCCTGGG
CAGCCAGGCCATCTGACGGTGAAGGATGAGAAGAACCACCATGAACTCGATCACAGAGAGAGAGAATCC
AGTGCGAATAACTCTGTGTACCCTCGGAAAGCCTCCGGGCCAGTGAGAAGCACCAGGGGCTGCGGACT
ACAGCATGGAAGCCAAGAAGCGGAAGGCGGAGGAGAAGGACAGCTTGAGCCGATACGACAGTGATGGAGA
CAAGAGTGATGATCTGGTGGTGGATGTTTCCAATGAGGACCCCGCAACGCCCGGGTCAGCCGGCACAC
TCCCTCCTGAAATGGGCTGGACAAGGCCGTAGCCTGAAAAAAGATGCCCCACCAGCCCTGCCTCGG
TGGCCTCTCCAGTAGCACACCTTCTCCAAGACCAAGACCTTGGTCATAACGACAAATCTCCACCCC
TGGGCTCAAGTCCAACACACCAACCCCAAGGAACGACGCCCAACTCCAGGCACCAAGCAGCCACAGGG
CTCAGGTCGATGCCGGCCTCGGCTCTGCGCACGCCCATCTCCATCACCAGCTCCTATGCGGCGCCCTTCG
CCATGATGAGCCACCATGAGATGAACGGCTCCCTCACCAGTCTGGCGCCTACGCCGGCCTCCACAACAT
CCCACCCAGATGAGCGCCGCGCCGCTGCTGCAGCCGCTGCCTATGGCCGATCGCAATGGTTGGTTTT
GACCCTCACCCCCGATGCGGGCCACAGGCCTCCCCTCAAGCCTGGCCTCCATTCCTGGAGGAAAACCAG
CGTACTCATTCCATGTGAGTGTGATGGGCAGATGCAGCCCGTGCCTTCCCCACGACGCCCTGGCAGG
CCCCGGCATCCCGAGGCACGCCCGGCAGATCAACACACTCAGCCACGGGGAGTGGTGTGTGCCGTGACC
ATCAGCAACCCACGAGGCACGTCTACACAGTGGCAAGGGCTGCGTGAAGATCTGGGACATCAGCCAGC
CAGGCAGCAAGAGCCCCATCTCCAGCTGGACTGCCTGAACAGGGACAATTACATCCGCTCCTGCAAGCT
GCTCCCTGATGGGCGCACGCTCATCGTGGGCGGAGGCCAGCAGCTCACCATCTGGGACCTGGCCTCG
CCCACGCCCGCATCAAGGCCGAGCTGACGTCCTCGGCTCCCGCCTGTTATGCCCTGGCCATTAGCCCTG
ACGCCAAAGTCTGCTTCTCCTGCTGCAGCGATGGGAACATTGCTGTCTGGGACCTGCACAACCAGACCT
GGTCAGGCAGTTCAGGGCCACACAGATGGGGCCAGCTGCATAGACATCTCCATGATGGACCAAACTG
TGGACAGGGGGCCTGGACAACACGGTGCCTCCTGGGACCTGCGGGAGGGCCGACAGCTACAGCAGCATG
ACTTCACTTCCCAGATCTTCTCGTGGGCTACTGCCCCACTGGGGAGTGGCTGGCTGTGGGCATGGAGAG
CAGCAACGTGGAGGTGCTGCACCACCAAGCCTGACAAGTACCAGCTGCACCTGCACGAGAGCTGCGTG
CTCTCCCTCAAGTTCGCCTACTGCGGCAAGTGGTTCGTGAGCACTGGGAAAGATAACCTTCTCAACGCC
GGAGGACGCCCTTATGGAGCCAGCATATCCAGTCTAAAGAATCCTCGTCTGTCTTGAGTTGTGACATTT
AGCGGATGACAAAATACATTGTAACAGGCTCTGGTGACAAGAAGGCCACAGTTTATGAGGTCATCTACTAA
    
```

**Restriction Sites:** SgfI-MluI

**ACCN:** NM\_001282982

**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\\_001282982.1](#), [NP\\_001269911.1](#)

**RefSeq Size:** 4491 bp

**RefSeq ORF:** 2100 bp

**Locus ID:** 7090

**UniProt ID:** [Q04726](#)

**Cytogenetics:** 15q23

**Protein Families:** Transcription Factors

**Gene Summary:** This gene encodes a transcriptional co-repressor protein that belongs to the transducin-like enhancer family of proteins. The members of this family function in the Notch signaling pathway that regulates determination of cell fate during development. Expression of this gene has been associated with a favorable outcome to chemotherapy with taxanes for ovarian carcinoma. Alternate splicing results in multiple transcript variants. Additional alternatively spliced transcript variants of this gene have been described, but their full-length nature is not known. [provided by RefSeq, Sep 2013]

Transcript Variant: This variant (7) represents the use of an alternate promoter and has multiple differences compared to variant 1. These differences result in a distinct 5' UTR and cause translation initiation at a downstream start codon compared to variant 1. The encoded isoform (g) is shorter than isoform a. Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.