

Product datasheet for **SC337365**

TLE4 (NM_001282749) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	TLE4 (NM_001282749) Human Untagged Clone
Tag:	Tag Free
Symbol:	TLE4
Synonyms:	BCE-1; BCE1; E(spl); E(spl); ESG; ESG4; Grg-4; GRG4
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

Fully Sequenced ORF: >NCBI ORF sequence for NM_001282749, the custom clone sequence may differ by one or more nucleotides

```

ATGATTCCGGACCTGAGCAAGATGTACCCGCAGACCAGACACCCGGCACCGCATCAGCCTGCTCAACCC
TTAAATTTACAATTTCCGAATCCTGTGATCGGATTAAGGAAGAGTTTCAGTTTTTACAGGCTCAATACCA
CAGTCTGAAGCTGGAATGTGAGAACTCGCCAGTGAGAAGCAGAGATGCAGCGCATTATGTCATGTAT
TATGAAATGTCTATGGGTTGAATATAGAAATGCACAAGCAGGCAGAGATTGTCAAGAGGCTGAATGCTA
TCTGTGCACAAGTCATTCTTTCTGTCCCAAGAGCAACAACCTCCAGGCCAGCATTATCACATGGACA
TGGTCTCCCCGTACCTCTGACTCCACACCTTCAGGGCTCCAGCCCCCTGCCATTCCACCATCGGTAGC
AGTGCCGGGCTTCTGGCCCTCTCCAGTGTCTAGGAGGTCAGTCCCATCTTCCAATTAAGATGAGAAGA
AGCACCATGACAATGATCACAAAGAGACAGAGACTCCATCAAGAGCTTTCAGTATCCCCATCAGCCAG
TTTCCGAGGTGCTGAGAAGCACAGAACTCCGCAGACTACTCCTCAGAGAGCAAAAAGCAGAAAAGTAA
GAAAAGGAAATTCAGCTCGTTATGACAGCGATGGTGAGAAAAGTATGACAACCTGGTGGTTGACGTTT
CCAATGAGGATCCATCTTCCCCTCGAGGGAGCCAGCACATTCCCCAGAGAGAATGGCCTAGACAAGAC
ACGCCTGCTCAAGAAAGATGCCCGATTAGTCCAGCCTCTATTGCATCTTCCAGCAGTACTCCCTCTCC
AAATCCAAAGAACTTAGCCTTAATGAAAAATCTACTACTCCCGTCTCAAAGTCCAATACCCCTACTCCAC
GAACTGATGCGCCACCCAGGCAGTAACCTACTCCCGATTGAGGCCTGTACCTGAAAAACCACCAGG
AGTTGACCCTTTGGCCTCAAGCCTAAGGACCCCAATGGCAGTACCTTGTCCATATCCAACCTCCATTTGGG
ATTGTGCCCATGCTGGAATGAACGGAGAGCTGACCAGCCCCGGAGCGGCTACGCTGGGCTCCACAACA
TCTCCCCTCAGATGAGCGCAGCTGCTGCCGCCGCCGCTGCTGCTGCTGCCTATGGGAGATCACCAGTGGT
GGGATTTGATCCACACCATCACATGCGTGTGCCAGCAATACCTCCAAACCTGACAGGCATTCCAGGAGGA
AAACCAGCATACTCCTTCCATGTTAGCGCAGATGGTCAGATGCAGCCTGTCCCTTTTCCACCCGACGCC
TCATCGGACCTGGAATCCCCCGGATGCTCGCCAGATCAACACCTCAACCACGGGAGGTGGTGTGCGC
GGTGACCATCAGCAACCCACGAGACACGTGTACACGGGTGGAAGGGCTGCGTCAAGGTCTGGGACATC
AGCCACCCAGGCAATAAGAGTCTGTCTCCAGCTCGACTGTCTGAACAGGGATAACTACATCCGTTCT
GCAGATTGCTCCCTGATGGTCGCACCCTAATTGTTGGAGGGGAAGCCAGTACTTTGTCCATTTGGGACCT
GGCGGCTCCAACCCACGCATCAAGGCAGAGCTGACATCTCGGCCCCCGCCTGCTATGCCCTGGCCATC
AGCCCCGATTCCAAGTCTGCTTCTCATGCTGCAGCGACGGCAACATCGTGTGTGGGATCTGCACAACC
AGACCTTGGTGAAGCAATCCAGGGCCACACAGATGGAGCCAGCTGTATTGACATTTCTAATGATGGCAC
CAAGCTCTGGACAGGTGGTTTGGACAACACGGTCAGGTCTGGGACCTGCCGAGGGGGCGGAGCTGCAG
CAGCAGACTTCACTCCAGATCTTTTCTCTGGGCTACTGCCCAACTGGAGAGTGGCTTGCAGTGGGGA
TGGAGAACAGCAATGTGGAAGTTTTGCATGTCACCAAGCCAGACAAATACCAACTACATCTTCATGAGAG
CTGTGTGCTGTGCTCAAGTTTGCCATTGTGGCAAATGGTTTGTAAAGCACTGGAAGGACAACCTTCTG
AATGCCTGGAGAACACCTTATGGGGCCAGTATATTCCAGTCCAAAGAATCCTCATCGGTGCTTAGCTGTG
ACATCTCCGTGGACGACAATACATTGTCACTGGCTCTGGGGATAAGAAGGCCACAGTTTATGAAGTTAT
TTATTA
    
```

Restriction Sites: SgfI-MluI

ACCN: NM_001282749

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:	NM_001282749.1 , NP_001269678.1
RefSeq Size:	5003 bp
RefSeq ORF:	2247 bp
Locus ID:	7091
UniProt ID:	Q04727
Cytogenetics:	9q21.31
Protein Families:	Transcription Factors
Gene Summary:	<p>Transcriptional corepressor that binds to a number of transcription factors. Inhibits the transcriptional activation mediated by PAX5, 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. Essential for the transcriptional repressor activity of SIX3 during retina and lens development and for SIX3 transcriptional auto-repression (By similarity). [UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (2) lacks two alternate in-frame exons in the coding region compared to variant 1. It encodes isoform 2 which is shorter than isoform 1. 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.</p>