

Product datasheet for **SC337494**

TLE4 (NM_001282748) Human Untagged Clone

Product data:

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| Product Type: | Expression Plasmids |
| Product Name: | TLE4 (NM_001282748) 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: | <u>PCMV6-Neo</u> |
| E. coli Selection: | Ampicillin (100 ug/mL) |



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Fully Sequenced ORF: >NCBI ORF sequence for NM_001282748, the custom clone sequence may differ by one or more nucleotides

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ATGATTCGCGACCTGAGCAAGATGTACCCGCAGACCAGACACCCGGCACCGCATCAGCCTGCTCAACCCT
TTAAATTTACAATTTCCGAATCCTGTGATCGGATTAAGGAAGAGTTTCAGTTTTTACAGGCTCAATACCA
CAGTCTGAAGCTGGAATGTGAGAACTCGCCAGTGAGAAGACAGAGATGCAGCGCATTATGTCATGTAT
TATGAAATGTCCCTATGGGTTGAATATAGAAATGCACAAGCAGGCAGAGATTGTCAAGAGGCTGAATGCTA
TCTGTGCACAAGTCATTCTTTCTGTCCCAAGAGCACCAGCAACAAGTGGTGCAGGCTGTGGAACGGGC
CAAGCAGGTGACCATGGCAGAACTGAACGCCATCATTGGGCAACAACCTCCAGGCCAGCATTATACAT
GGACATGGTCTCCCCGTACCTCTGACTCCACACCTTCAGGGCTCCAGCCCCCTGCCATTCCACCCATCG
GTAGCAGTGCCGGGCTTCTGGCCCTCTCCAGTGTCTAGGAGGTCAGTCCCATTCCAATTAAGATGA
GAAGAAGCACCATGACAATGATACCAAAGAGACAGAGACTCCATCAAGAGCTCTTCAGTATCCCCATCA
GCCAGTTTCCGAGGTGCTGAGAAGCACAGAACTCCGCAGACTACTCCTCAGAGAGCAAAAAGCAGAAAA
CTGAAGAAAAGGAAATTCAGCTCGTTATGACAGCGATGGTGAGAAAAGTATGACAACCTGGTGGTTGA
CGTTTCCAATGAGGATCCATCTTCCCCTCGAGGAGCCAGCACATTCCCCAGAGAGAATGGCCTAGAC
AAGACACGCCTGCTCAAGAAAGATGCCCGATTAGTCCAGCCTCTATTGCATCTTCCAGCAGTACTCCCT
CCTCCAATCCAAGAACTTAGCCTTAAGAGGGATATGGGGAAATGAGTGAAACACGTCTTAGCGAAGA
TGAACAATGCACATTGGGGTTACAGAGATGGTTTTGTGCGCTGTGGTTTATGAATGAAAAATCTACTACT
CCCGTCTCAAAGTCCAATACCCCTACTCCACGAACTGATGCGCCACCCAGGCAGTAACTCTACTCCCG
GATTGAGGCCTGTACCTGGAAAACCACCAGGAGTTGACCTTTGGCCTCAAGCCTAAGGACCCCAATGGC
AGTACCTTGTCCATATCCAACCTCAATTTGGGATTGTGCCCCATGCTGGAATGAACGGAGAGCTGACCAGC
CCCGAGCGGCCCTACGCTGGGCTCCACAACATCTCCCCTCAGATGAGCGCAGCTGTGCCGCGCCGCTG
CTGCTGTGCCTATGGGAGATCACCAGTGGTGGGATTTGATCCACACCATCACATGCGTGTGCCAGCAAT
ACCTCCAACCTGACAGGCATTCAGGAGGAAAACCAGCATACTCCTTCCATGTTAGCGCAGATGGTCAG
ATGCGACCTGTCCCTTTTCCACCCGACGCCCTCATCGGACCTGGAATCCCCCGGCATGCTCGCCAGATCA
ACACCCTCAACCACGGGGAGGTGGTGTGCGCGGTGACCATCAGCAACCCACGAGACAGTGTACACGGG
TGGGAAGGGCTGCGTCAAGGTCTGGGACATCAGCCACCCAGGCAATAAGAGTCTGTCTCCAGCTCGAC
TGTCTGAACAGGGATAACTACATCCGTTCTGCAGATTGCTCCCTGATGGTGCACCCCTAATTGTTGGAG
GGGAAGCCAGTACTTTGTCCATTTGGGACCTGGCGGCTCAACCCACGCATCAAGGCAGAGCTGACATC
CTCGGCCCCGCTGCTATGCCCTGGCCATCAGCCCCGATTCCAAGGTCTGCTTCTCATGCTGCAGCGAC
GGCAACATCGCTGTGTGGGATCTGCACAACCAGACCTTGGTGAGGCAATTCAGGCCCACACAGATGGAG
CCAGCTGTATTGACATTTCTAATGATGGACCAAGCTCTGGACAGGTGGTTTGGACAACACGGTCAGGTC
CTGGGACCTGCGCGAGGGGGCGGAGCTGCAGCAGCACGACTTCACCTCCCAGATCTTTTCTGGGCTAC
TGCCCAACTGGAGAGTGGCTTGCAGTGGGGATGGAGAACGCAATGTGGAAGTTTTCATGTACCAAGC
CAGACAAATACCAACTACATCTTCATGAGAGCTGTGTGCTGTGCTCAAGTTTGGCCATTGTGGCAAATG
GTTTGTAAAGCACTGGAAGGACAACCTTCTGAATGCCTGGAGAACACCTTATGGGGCCAGTATATTCCAG
TCCAAAGAATCCTCATCGGTGCTTAGCTGTGACATCTCCGTGGACGACAAATACATTGCTACTGGCTCTG
GGGATAAGAAGGCCACAGTTTATGAAGTTATTTATTA
    
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Restriction Sites: SgfI-MluI

ACCN: NM_001282748

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).

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| 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_001282748.1 , NP_001269677.1 |
| RefSeq Size: | 5174 bp |
| RefSeq ORF: | 2418 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 (1) represents the longest transcript and encodes the longest 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> |