

Product datasheet for **MC228900**

Tle1 (NM_001285529) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Tle1 (NM_001285529) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Tle1
Synonyms:	C230057C06Rik; Estm14; Grg-1; Grg1; Tle4l
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >MC228900 representing NM_001285529
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCGCGATCGCC

ATGTTCCCGCAGAGCCGGCACCCAACGCCGCCAACAGCTGCAGGCCAGCCCTTTAAGTTCACTATCCCGG
 AGTCTCTGGACCGGATTAAGAGGAATTCAGTTCCTGCAGGCGCAGTATCACAGTCTTAAATTGGAGTG
 TGAAAACTGGCAAGTGAAGACAGAAATGCAGAGGCACTACGTGATGATTATGAAATGTCATATGGA
 TTAACATTGAAATGCACAAACAGACTGAAATCGCCAAGAGATTGAACACCATTGTGCCAAGTCATCC
 CATTCTGTCTCAGGAACATCAACAACAGGTGGCCAGGCTGTGGAACGTGCCAAACAGGTGACCATGGC
 AGAGTTGAATGCCATCATCGGGCAGCAGTTGCAAGCTCAGCATCTCTCCCATGGCCATGGACCCCACTA
 CCTCTACGCCTACCCTCAGGACTTCAGCCTCCTGGCATCCCGCCCTTGGGGCAGTGCCAGCCTTC
 TCGCGCTGTCTAGTGTCTGAGTGGCAGTCTCACTTGGCAATAAAGATGACAAGAAGCACCATGATGC
 AGAGCGCCACAGAGACAGAGAGCCTGGCAGAGTAAATCCCTCTTGGTCCAGACAGCCTAAGAGGCACA
 GATAAGCCGAGAAATGGTCCAGAGTTTTCCAGTGACATCAAAAAAGGAAGTGGATGATAAGGATAACT
 ATGACAGTGTATGGGGACAAGAGTGATGACAACCTTAGTTGTGGATGTGTCTAACGAGGACCCTTCTTCC
 ACATGCAAGCCCCACACTCACCCCGGAAAACGGAATTGACAAAAACCGTCTGCTGAAGAAAGATGCT
 TCAGGTAGCCCGCATCCACAGCCTCCTCTGGAAGTTCCTCTTCCCTGAAATCCAAAGAAGTGAGCCTGC
 ATGAAAAAGCCAACTCCTGTCTGAAATCCAGCACACCGACGCTCGGAGCGACATGCCAACCCCAAGG
 CACCAGCGCTACTCCAGGCTCCGTCAGGTCTTGGAAGCCTCCAGCCATGGAACCCCTTGTCAACCAA
 GCAGCAGCTGGCCTGAGGACGCCCTGGCGGTGCTGGCCATACCCTGCCCCCTTTGGCATGGTGCCCC
 ATGCGGGCATGAACGGAGAGCTGACCAGCCCTGGTGTGCTATGCAGGTCTACACAGCATGCTCCACA
 GATGAGCGCTGCAGCTGCTGCAGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT
 GATCCTCCTCCTCACATGAGAGTACCTTCTATCCCCCAACCTGGCAGGAATACCTGGAGGAAAACAG
 CATACTCCTCCAGTACTGCTGATGGCCAAATGCAGCCTGTTCTTTTCCCCCTGATGCCCTCATTGG
 ACCTGGGATTCCCGACATGCTCGGCAGATCAACACCCTCAACCACGGGAGGTGGTGTGTGCACTGACC
 ATCAGCAACCCCAAGGCAGGTGTACACAGGTGGCAAGGGTGCCTAAGGTGTGGACATCAGCCACC
 CCGGCAACAAGAGCCCCGTCTCAGCTGGATTGTCTGAATAGAGATAACTACATCCGTTCTGTAATT
 GCTACCTGATGGCTGACTCTCATAGTGGGAGGGGAAGCCAGTACTCTATCCATCTGGGACTTGGCAGCT
 CCAACTCCCCGATAAAGGCAGAGCTGACATCCTCAGCCCTGCCTGTTATGCTCTGGCCATCAGCCCCG
 ACTCCAAGGTCTGCTTCTCATGCTGCAGTGACGGCAACATCGCAGTGTGGGACCTGCACAACCAGACCT
 GGTGAGGCAATCCAGGGCCACACAGAGCGAGCCAGCTGTATTGACATTTCTAATGATGGACCAAGCTC
 TGGACAGGCGGTTTAGACAACACTGTGAGGTCTGGGACCTGAGAGAAGGGAGGCAGCTGCAGCAGCATG
 ACTTCACTTACAGATCTTCTTTGGGATTTGCCCAACTGGGAGTGGCTTGTGTGGGCATGGAAG
 CAGCAACGTGGAAGTTTGCATGTGAACAAGCCTGACAAGTACCAGCTGCACCTCCACGAGAGCTGCGTG
 CTGTCCCTAAAGTTTGTATTGTGGCAATGGTTGTGAGTACTGGAAGACAACCTCCTAAATGCCT
 GGCGGACACCATATGGAGCCAGCATCTTCCAGTCCAAAGAATCTCATCAGTGCTTAGCTGTGACATCTC
 TGTGGATGATAAATACATAGTCACTGGCTCAGGGGACAAAAAGGCTACCGTTTATGAGGTCATCTACTGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
 ACCN: NM_001285529
 Insert Size: 2310 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).
OTI Annotation:	Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
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:	<u>NM_001285529.1, NP_001272458.1</u>
RefSeq Size:	11547 bp
RefSeq ORF:	2310 bp
Locus ID:	21885
Cytogenetics:	4 C2
Gene Summary:	<p>Transcriptional corepressor that binds to a number of transcription factors. Inhibits NF-kappa-B-regulated gene expression. Inhibits the transcriptional activation mediated by FOXA2, 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. Unusual function as coactivator for ESRRG (By similarity).[UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (2) uses an alternate in-frame splice site in the 5' coding region, compared to variant 1, resulting in an isoform (b) that is shorter than isoform a.</p> <p>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>