

Product datasheet for **MC221437**

Tle3 (NM_001083928) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Tle3 (NM_001083928) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Tle3
Synonyms:	2610103N05Rik; ESG; Grg3a; Grg3b; mKIAA1547
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >MC221437 representing NM_001083928
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGTATCCGCAAGGCAGACATCCGGCACCCATCAACCCGGGCAGCCGGGATTTAAATTCACTGTGGCCG
 AGTCTGTGACAGGATCAAAGACGAATTCAGTTCCTGCAAGCTCAGTATCACAGCCTCAAAGTGGAGTA
 TGACAAGCTGGCTAACGAGAAGACGGAGATGCAGCGCCATTATGTGATGTACTATGAGATGCCTATGGC
 TTGAATATTGAAATGCACAAGCAGACAGAGATTGCGAAGAGACTGAACACAATCTAGCCCAGATCATGC
 CTTTTTTGTACAGGAGCATCAGCAGCAAGTGGCGCAGGCTGTGGAACGCGCCAAGCAGGTACCATGAC
 GGAGTTGAACGCCATCATCGGGCAGCAGCAACTCCAGGCCAGCACCTCTCCCATGCCACGCATGGTCCC
 CCGGTCCAGCTGCCACCCACCCGTCAGGCCTCCAGCCTCCTGGGATCCCCAGTGACAGGAAGCAGCT
 CTGGGTTGCTGGCACTTGGTGCCTGGGAAGTCAAGCTCACTTGGCGGTGAAGGATGAGAAGAACCACCA
 TGAAGTGGATCACAGAGAGAGAGTCCAGCACGAACAATCCGTGTACCCTCTGAAAGCTCCGGGCC
 AGTGAGAAAGCAGCCGGGCTCTGCAGACTACAGCATGGAAGCCAAGAAGCGGAAGGCGGAAGAAAGACA
 GCCTCAGCAGATACGATAGCGATGGGGACAAGAGTGACGACCTGGTGGTGGATGTCTCTAATGAGGACCC
 AGCAACACCCCGGTGAGCCCAGCACACTCCCCTCCTGAAAATGGGCTGGACAAAGCCCGTGGTCTGAAG
 AAAGATGCCCCACCAGCCAGCCTCCGTGGCTTCCAGCAGCACACCTTCTCCAAGACCAAAGACC
 TTGGTCATAATGACAAATCTTCCACACCTGGGCTCAAGTCCAACACACCAACGCCAAGAAATGATGCCCC
 AACTCCAGGCACCAGCACCCCGGGCTCCGGTCAATGCCGGGCAAACCTCCAGGCATGGACCCGATA
 GCCTCGGCCCTGCGAACCCCATCACCTCACCAGCTCCTATCCAGCACCTTTGCCATGATGAGCCACC
 ACGAGATGAATGGCTCCCTCACCAGCCCAAGCGCCTATGCTGGCCTACACAACATCCCATCCCAGATGAG
 CGCCGCGCAGCCGCTGCAGCCGCGCCTATGGCCGATCGCCAATGGTTGGTTTTGACCCCTACCCCCCA
 ATGAGGGCCACAGGCTGCCTTCCAGTCTCGCCTCCATTCTGGAGGAAACCGGCACTACTCCTCCATG
 TGAGTGTGATGGGCAGATGCAACCTGTGCCCTTCCCCATGATGCACTAGCAGGCCCTGGCATTCCCAG
 GCATGCCCGGCAGATCAATACGCTCAGCCATGGAGAGGTGGTATGTGCTGTGACCATCAGCAACCCACA
 CGACACGTCTACACAGGCGGCAAGGGCTGTGTGAAGATATGGGACATCAGCCAGCCGGGCAGCAAGATC
 CCATCTCCAGCTGGACTGCCTGAACAGGGACAACACTACATCCGCTCGTCAAGCTTCTCCCGATGGGCG
 CAGCTCATTGTGGTGGTGGGCCAGCAGCTCACCATCTGGGACCTGGCCTACCCACACCCCGCATC
 AAGGCTGAGCTGACGTCCTCGGCTCCAGCTGTTATGCCCTGGCCATCAGTCTGATGCCAAAGTCTGTT
 TTTCTGCTGCAGCGACGGGAACATTGCCGTTTGGGATCTGCACAACCAGACCCTGGTCAGGCAGTTCCA
 GGGCCACACAGATGGGGCCAGCTGTATAGACATCTCTCATGATGGCACTAAGCTGTGGACCGGGGGCCTG
 GACAACACCGTGCCTCCTGGGACCTACGTGAAGGACGGCAGTTACAGCAACACGATTTACCTCCCAGA
 TCTTCTCCCTGGGTTACTGCCCACTGGGGAGTGGCTGGCCGTGGGCATGGAGAGCAGCAATGTGGAGGT
 CCTGCACCACACTAAGCCCGACAAATACCAGCTGCACCTGCACGAGAGCTGCGTGTGTCCCTCAAGTTC
 GCCTATTGTGGCAAGTGGTTTGTGAGCACTGGGAAAGACAACCTTCTCAATGCCTGGAGGACGCCTATG
 GAGCCAGCATCTCCAGTCAAAGAATCCTCATCTGTCTTGAGCTGTGACATTTACGCGGATGACAAATA
 TATTGTAACAGGCTCTGGTGACAAGAAGGCCACAGTTTACGAGGTCATCTACTGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-Mlul
ACCN: NM_001083928
Insert Size: 2295 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:	<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_001083928.1 , NP_001077397.1
RefSeq Size:	5148 bp
RefSeq ORF:	2295 bp
Locus ID:	21887
Cytogenetics:	9 B
Gene Summary:	<p>Transcriptional corepressor that binds to a number of transcription factors. Inhibits the transcriptional activation mediated 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 (By similarity). May play an important role during spermatogenesis. [UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (3) has multiple differences in the coding region compared to variant 1. The resulting protein (isoform 3) is shorter but has the same N- and C-termini compared to isoform 1.</p>