

Product datasheet for **MC221568**

Tle3 (NM_001083927) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Tle3 (NM_001083927) 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: >MC221568 representing NM_001083927
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGTATCCGCAAGGCAGACATCCGGCACCCATCAACCCGGGCAGCCGGATTTAAATTCACTGTGGCCG
 AGTCCTGTGACAGGATCAAAGACGAATTCAGTTCCTGCAAGCTCAGTATCACAGCCTCAAAGTGGAGTA
 TGACAAGCTGGCTAACGAGAAGACGGAGATGCAGCGCCATTATGTGATGTACTATGAGATGCCTATGGC
 TTGAATATTGAAATGCACAAGCAGACAGAGATTGCGAAGAGACTGAACACAATCTAGCCCAGATCATGC
 CTTTTTTGTACAGGAGCATCAGCAGCAAGTGGCGCAGGCTGTGGAACGCGCCAAGCAGGTACCATGAC
 GGAGTTGAACGCCATCATCGGGTACGTGGACTCCCAATCTGCCTCTCACCCAGCAGCAACTCCAGGCC
 CAGCACCTCTCCATGCCACGCATGGTCCCCGGTCCAGCTGCCACCCACCCGTCAGGCCTCCAGCCTC
 CTGGGATCCCCAGTGACAGGAAGCAGCTCTGGGTTGCTGGCACTTGGTGCCCTGGGAAGTCAAGTCA
 CTTGGCGTGAAGGATGAGAAGAACCACCATGAACTGGATCACAGAGAGAGAGTCCAGCAGCAACAAT
 TCCGTGTACCCTCTGAAAGCCTCCGGGCCAGTGAGAAGCACCGGGGCTCTGCAGACTACAGATGGAAG
 CCAAGAAGCGGAAGGCGGAAGAGAAAGACAGCCTCAGCAGATACGATAGCGATGGGGACAAGAGTACGA
 CCTGGTGGTGGATGTCTAATGAGGACCCAGCAACACCCCGGTGAGCCAGCACACTCCCTCTCTGAA
 AATGGGCTGGACAAGCCCGTGGTCTGAAGAAAGATGCCCCACCCAGCCAGCCTCCGTGGCTTCTCCA
 GCAGCACACCTTCTCCAAGACCAAGACCTTGGTCATAATGACAAAATCTCCACACCTGGGCTCAAGTC
 CAACACACCAACGCCAAGAAATGATGCCCAACTCCAGGCACCAGCACCCCGGGGCTCCGGTCAATG
 CCGGGCAAACCTCCAGGCATGGACCCGATAGGTATAATGGCTCGGCCCTGCGAACCCCATCACCTCA
 CCAGCTCTATCCAGCACCTTTGCCATGATGAGCCACCAGAGATGAATGGCTCCCTCACCAGCCCAAG
 CGCCTATGCTGGCTACACAACATCCCATCCCAGATGAGCGCCGCGCAGCCGCTGCAGCCCGCCCTAT
 GGCCGATCGCAATGGTGGCTTTGGAGCTGTTGGTTTTGACCCTCACCCCAATGAGGGCCACAGGCC
 TGCCTTCCAGTCTCGCTCCATTCTGGAGGAAACCGGCATACTCCTTCCATGTGAGTGTGATGGGCA
 GATGCAACCTGTGCCCTTCCCCATGATGCACTAGCAGGCCCTGGCATTCCAGGCATGCCCGCAGATC
 AATACGCTCAGCCATGGAGAGTGGTATGTGCTGTGACCATCAGCAACCCACACGACAGTCTACACAG
 GCGGCAAGGGCTGTGTGAAGATATGGGACATCAGCCAGCCGGGCAGCAAGAGTCCCATCTCCAGCTGGA
 CTGCTGAAACAGGGACAACATCCGCTCGTGAAGCTTCTCCCGATGGGCGCAGCTCATTGTGGGT
 GGTGAGGCCAGCAGCTACCATCTGGGACCTGGCCTCACCCACACCCCGCATCAAGGCTGAGCTGACGT
 CCTCGGCTCCAGCTGTTATGCCCTGGCCATCAGTCTGATGCCAAAGTCTGTTTTCTGCTGCAGCGA
 CGGGAACATTGCGGTTTGGGATCTGCACAACCAGACCCTGGTCAGGCAGTTCAGGGCCACACAGATGGG
 GCCAGTGTATAGACATCTCATGATGGCACTAAGCTGTGGACCGGGGCTGGACAACACCGTGCCT
 CCTGGGACCTACGTGAAGGACGGCAGTTACAGCAACACGATTTACCTCCAGATCTTCTCCCTGGGTTA
 CTGCCCCACTGGGGAGTGGCTGGCCGTGGGATGGAGAGCAGCAATGTGGAGTCTGCACCACACTAAG
 CCCGACAAATACCAGTGCACCTGCACGAGAGCTGCGTGTGTCCCTCAAGTTCGCTATTGTGGCAAGT
 GGTTTGTGAGCACTGGAAAGACAACCTTCTCAATGCCTGGAGGACGCCCTATGGAGCCAGCATCTTCCA
 GTCAAAAGAATCCTCATCTGTCTTGAGCTGTGACATTTACGCGGATGACAAATATATTGTAACAGGCTCT
 GGTGACAAGAAGGCCACAGTTTACGAGGTCATCTACT**GA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-Mlul
ACCN: NM_001083927
Insert Size: 2349 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_001083927.1 , NP_001077396.1
RefSeq Size:	5202 bp
RefSeq ORF:	2349 bp
Locus ID:	21887
UniProt ID:	Q08122
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.</p> <p>[UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (1) represents the longest transcript and encodes the longest protein (isoform 1).</p>