

## Product datasheet for **MC221488**

### **Tle3 (NM\_009389) Mouse Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Tle3 (NM_009389) 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)



[View online »](#)

**Fully Sequenced ORF:** >MC221488 representing NM\_009389  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGTATCCGCAAGGCAGACATCCGGCACCCATCAACCCGGGCAGCCGGATTTAAATTCACTGTGGCCG  
 AGTCCTGTGACAGGATCAAAGACGAATTCAGTTCCTGCAAGCTCAGTATCACAGCCTCAAAGTGGAGTA  
 TGACAAGCTGGCTAACGAGAAGACGGAGATGCAGCGCCATTATGTGATGTACTATGAGATGTCTATGGC  
 TTGAATATTGAAATGCACAAGCAGACAGAGATTGCGAAGAGACTGAACACAATCCTAGCCCAGATCATGC  
 CTTTTTTGTACAGGAGCATCAGCAGCAAGTGGCGCAGGCTGTGGAACGCGCCAAGCAGGTACCATGAC  
 GGAGTTGAACGCCATCATCGGCAGCAGCAACTCCAGGCCAGCACCTCTCCCATGCCACGCATGGTCCC  
 CCGGTCCAGCTGCCACCCACCCGTCAGGCCTCCAGCCTCCTGGGATCCCCAGTGACAGGAAGCAGCT  
 CTGGGTTGCTGGCACTTGGTGCCTGGGAAGTCAAGCTCACTTGGCGGTGAAGGATGAGAAGAACCACCA  
 TGAAGTGGATCACAGAGAGAGAGTCCAGCACGAACAATCCGTGTACCCTCTGAAAGCCTCCGGGCC  
 AGTGAGAAAGCACCAGGCTCTGCAGACTACAGCATGGAAGCCAAGAAGCGGAAGCGGAAGAAAGACA  
 GCCTCAGCAGATACGATAGCGATGGGGACAAGAGTGACGACCTGGTGGTGGATGTCTCTAATGAGGACCC  
 AGCAACACCCCGGTGAGCCCAGCACACTCCCCTCCTGAAAATGGGCTGGACAAAGCCCGTGGTCTGAAG  
 AAAGATGCCCCACCAGCCAGCCTCCGTGGCTTCCAGCAGCACACCTTCTCCAAGACCAAAGACC  
 TTGGTCATAATGACAAATCTTCCACACCTGGGCTCAAGTCCAACACACCAACGCCAAGAAATGATGCCCC  
 AACTCCAGGCACCAGCACCCCGGGCTCCGGTCAATGCCGGGCAAACCTCCAGGCATGGACCCGATA  
 GGTATAATGGCCTCGGCCCTGCGAACACCCATCACCTCACCAGCTCCTATCCAGCACCTTTGCCATGA  
 TGAGCCACCACGAGATGAATGGCTCCCTCACAGCCCAAGCGCCTATGCTGGCCTACACAACATCCCATC  
 CCAGATGAGCGCCGCGCAGCCGCTGCAGCCGCGCCTATGGCCGATCGCCAATGGTGGAGCTTGGAGCT  
 GTTGGTTTTGACCCTCACCCCCAATGAGGGCCACAGGCCTGCCTTCCAGTCTCGCCTCCATTCCCTGGAG  
 GGAAACCGGCATACTCCTTCCATGTGAGTGTGATGGGCAGATGCAACCTGTGCCCTTCCCCATGATGC  
 ACTAGCAGGCCCTGGCATTCCCAGGCATGCCCGGCAGATCAATACGCTCAGCCATGGAGAGGTGGTATGT  
 GCTGTGACCATCAGCAACCCACACGACACGTCTACACAGGCGGCAAGGGCTGTGTGAAGATATGGGACA  
 TCAGCCAGCCGGGCAGCAAGAGTCCCATCTCCAGCTGGACTGCCTGAACAGGGACAACATACATCCGCTC  
 GTGCAAGCTTCTCCCGATGGGCGCACGCTCATTGTGGTGGTGGAGCCAGCACGCTCACCATCTGGGAC  
 CTGGCCTCACCCACCCCGCATCAAGGCTGAGCTGACGCTCCTCGGCTCCAGCCTGTTATGCCCTGGCCA  
 TCAGTCCCTGATGCCAAAGTCTGTTTTCTGCTGCAGCGACGGGAACATTGCGGTTTGGGATCTGCACAA  
 CCAGACCTGGTCAGGCAGTCCAGGGCCACACAGATGGGGCCAGCTGTATAGACATCTCTCATGATGGC  
 ACTAAGCTGTGGACCGGGGGCTGGACAACACCGTGCCTCCTGGGACCTACGTGAAGGACGGCAGTTAC  
 AGCAACACGATTTACCTCCCAGATCTTCTCCCTGGGTTACTGCCCACTGGGGAGTGGCTGGCCGTGGG  
 CATGGAGAGCAGCAATGTGGAGGCTGCACCACACTAAGCCCGACAAATACCAGCTGCACCTGCACGAG  
 AGCTGCGTGTCTCCCTCAAGTTCGCCTATTGTGGCAAGTGGTTGTGAGCACTGGGAAAGACAACCTTC  
 TCAATGCCTGGAGACGCTTATGGAGCCAGCATCTTCCAGTCAAAGAATCCTCATCTGTCTTGAGCTG  
 TGACATTTACGGGATGACAAATATATTGTAACAGGCTCTGGTGACAAGAAGGCCACAGTTTACGAGGTC  
 ATCTACTGA

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** Sgfl-Mlul  
**ACCN:** NM\_009389  
**Insert Size:** 2319 bp

<b>OTI Disclaimer:</b>	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).
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<a href="#">NM_009389.2</a> , <a href="#">NP_033415.2</a>
<b>RefSeq Size:</b>	5172 bp
<b>RefSeq ORF:</b>	2319 bp
<b>Locus ID:</b>	21887
<b>UniProt ID:</b>	<a href="#">Q08122</a>
<b>Cytogenetics:</b>	9 B
<b>Gene Summary:</b>	<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 (2) uses an alternate splice site in the 5' coding region compared to variant 1. The resulting protein (isoform 2) is shorter but has the same N- and C-termini compared to isoform 1.</p>