

## Product datasheet for **MC221436**

### **Tle2 (NM\_019725) Mouse Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Tle2 (NM_019725) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Tle2
Synonyms:	Grg2; mKIAA4188
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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**Fully Sequenced ORF:** >MC221436 representing NM\_019725  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGATCGCC**

ATGTACCCTCAGGGAAGGCACCCGACCCGCTGCAGTCTGGCAGCCTTTCAAGTTCTCAGTACTGGAAA  
 TCTGTGACCGGATCAAAGAGGAATTCCAGTTTCTCAAGCTCAGTACCACAGCCTCAAGCTAGAATGTGA  
 GAAGCTGGCCAGCGAGAAGACAGAAATGCAAAGGCATTATGTGATGGCTGCACCCATCAGTGTCCCCAG  
 GGTGGCACCAGCTATCCACACTGGCCAAGACTGTCTCCTTTGCAGTACTACGAGATGTCCTACGGACTCA  
 ACATTGAGATGCATAAACAGGCTGAGATTGTGAAACGCCTCAGTGCATCTGTGCCAGATGGTCCCCTT  
 CCTCACTCAGGAGCATCAGCAGCAGGTGCTCCAGGCTGTGGACCGAGCCAAGCAGGTGACCGTGGGGAA  
 CTGAACAGCCTCCTGGGGCAGCAGAATCAGCTCCAGCCGCTGCCACGCACCCCCCGTGCCTCTCACCC  
 CGCGCCACGCGGCTGGTGGTGCCGGGGCCACTGGGCTGTGGCCCTATCTGGGGCAGTGGTGC  
 GGCCAGCTGGTGGCTGCCGTAAGGAAGACCGTGTGGTGTGGACGCCGAGGGTCCAGAGTGGACAGA  
 GCTGCCAGCAGGATTCTTCCCCGCTCCCCCTGAGAGTCTGGTGAAGAGGACCATCCCAGCAGCCGAG  
 GCGGCAGTGGGAAACAGCAGAGAGCTGAAGACAAGGATCTGTGAGGGCCTTATGACAGTGAAGAACAA  
 GAGTGACTATAACCTGGTAGTGGATGAGGACCAACCGTCAGAGCCCCAGCCCTGTGACCACCCCTTGT  
 GGGAAAGCGCCCCCTCTGCATTCTGCCCGCAGGGACCTCACAGACAGTCCAGCCTCCTTGGCCTCCAGTT  
 TGGGCTCACCACTCCCCAGAAGCAAAGACATAGCCCTGAACGATCTTCCACAGGCACCTCTGCCTCCAG  
 GTCATGTGGTACCTCTCCACCCAGGACTCGTCCACCCGGGGCCAGCTCAGCCAGTCACTCTGCCAG  
 CTGGCGGCTCAGCCGGCAGCACCCACAGACAGCATCGCCCTGAGGAGTCCCCTGACCTTGTCCAGCCCTT  
 TCACCTCATCCTTCAGCCTGGGCTCCCACAGCACCCCTCAATGGGGACCTCTCCATGCCTGGCTCCTATGT  
 CGGCCTCACCTGTCCCCCAGGTCAGCAGCTCTGTCTGTATGGACGCTCACCTCTGCAGATGGCATT  
 GAATCGCACCCCCATCTCCGAGGCTCGTCTGTCTCCTTGCCTGGCATCCCTGTGGCTAAGCCGGTCTACT  
 CTTCCACGTGTCTGCGGATGGCCAGATGCAGCCTGTGCCCTTCCCGTCTGATGCTCTGGTAGGCACAGG  
 CATCCCTCGCCACGCAAGGCAGCTACACACGCTGGCCACGGTGAAGTGGTGTGTGCCGTACCATCAGC  
 AGCTCCACACAGCAGTGTACACAGGGCAAAGGATGCGTGAAGGTGTGGGACGTGGGCCAGCCGGGTA  
 GCAAGACCCCTGTGGCACAGCTGGATTGCCTGAACCGAGACAACATACCGCTCCTGCAAGCTGCTGCC  
 CGACGGGCAGAGCCTGATTGTAGGTGGCAGGCCAGTACCCTGTCCATTTGGGACCTGGCAGCACCACA  
 CCACGGATCAAAGCAGAGCTGACTTCGTCTGCCCGGCTGCTATGCTCTGGCCGTGAGTCCGGACGCCA  
 AGGTCTGCTTCTCCTGCTGCAGCGACGGTAACATCGTGGTCTGGGACCTGCAGAACCAGGCCATGGTCAG  
 ACAGTTCAGGGCCACACGGACGGGGCCAGCTGCATCGACATATCAGACTACGGGACCCGGCTGTGGACT  
 GGGGGCCTGGACAACACTGTGCGCTGTGGGACCTGCGCGAGGGCCGACGCTTCAGCAGCATGACTTCA  
 GTTCCCAGATTTTCTCATTGGGCCACTGTCCCAATCAGGACTGGTTGGCTGTGGGGATGGAGAGCAGCCA  
 CGTGGAGGTCCTGCATGTGCGCAAGCCTGAGAAGTACCAGCTCCGCTCCATGAGAGCTGCGTGTGTCA  
 CTCAAGTTCGCTTCTGTGGACGCTGGTTTGTGAGCACAGGCAAGGACAACCTGCTCAATGCCTGGAGGA  
 CACCCTATGGGGCCAGCATTTTTTCAGTCCAAAGAATCATCTTCTGTACTGAGCTGCGACATCTCCAGGAA  
 TAATAAGTACATCGTGACAGGCTCAGGGGACAAGAAGGCCACTGTGATGAGGTGGTGTACTGA

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** Sgfl-Mlul  
**ACCN:** NM\_019725  
**Insert Size:** 2304 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_019725.2</a> , <a href="#">NP_062699.1</a>
<b>RefSeq Size:</b>	2994 bp
<b>RefSeq ORF:</b>	2304 bp
<b>Locus ID:</b>	21886
<b>UniProt ID:</b>	<a href="#">Q9WVB2</a>
<b>Cytogenetics:</b>	10 C1
<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).[UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (1) represents the longer transcript and it encodes the longer protein (isoform 1).</p>