

## Product datasheet for **MR223072**

### **Tle3 (NM\_009389) Mouse Tagged ORF Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Tle3 (NM_009389) Mouse Tagged ORF Clone
Tag:	Myc-DDK
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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**ORF Nucleotide  
Sequence:**

>MR223072 representing NM\_009389  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGTATCCGCAAGGCAGACATCCGGCACCCATCAACCCGGGCAGCCGGATTTAAATTCACTGTGGCCG  
 AGTCCTGTGACAGGATCAAAGACGAATTCAGTTCCTGCAAGCTCAGTATCACAGCCTCAAAGTGGAGTA  
 TGACAAGCTGGCTAACGAGAAGACGGAGATGCAGCGCCATTATGTGATGTACTATGAGATGTCTATGGC  
 TTGAATATTGAAATGCACAAGCAGACAGAGATTGCGAAGAGACTGAACACAATCTAGCCCAGATCATGC  
 CTTTTTTGTACAGGAGCATCAGCAGCAAGTGGCGCAGGCTGTGGAACCGGCCAAGCAGGTACCATGAC  
 GGAGTTGAACGCCATCATCGGCAGCAGCAACTCCAGGCCAGCACCTCTCCCATGCCACGCATGGTCCC  
 CCGGTCCAGCTGCCACCCACCCGTCAGGCCTCCAGCCTCCTGGGATCCCCAGTGACAGGAAGCAGCT  
 CTGGGTTGCTGGCACTTGGTGCCTGGGAAGTCAAGCTCACTTGGCGGTGAAGGATGAGAAGAACCACCA  
 TGAAGTGGATCACAGAGAGAGAGTCCAGCACGAACAATCCGTGTACCCTCTGAAAGCTCCGGGCC  
 AGTGAGAAGCACCGGGCTCTGCAGACTACAGCATGGAAGCCAAGAAGCGGAAGCGGAAGAAAGACA  
 GCCTCAGCAGATACGATAGCGATGGGGACAAGAGTGACGACCTGGTGGTGGATGTCTCTAATGAGGACCC  
 AGCAACACCCCGGTGAGCCCAGCACACTCCCCTCCTGAAAATGGGCTGGACAAAGCCCGTGGTCTGAAG  
 AAAGATGCCCCACCAGCCAGCCTCCGTGGCTTCCAGCAGCACACCTTCTCCAAGACCAAAGACC  
 TTGGTCATAATGACAAATCTTCCACACCTGGGCTCAAGTCCAACACACCAACGCCAAGAAATGATGCCCC  
 AACTCCAGGCACCAGCACCCCGGGCTCCGGTCAATGCCGGGCAAACCTCCAGGCATGGACCCGATA  
 GGTATAATGGCCTCGGCCCTGCGAACACCCATCACCTCACCAGCTCCTATCCAGCACCTTTGCCATGA  
 TGAGCCACCAGAGATGAATGGCTCCCTCACCAGCCCAAGCGCCTATGCTGGCCTACACAACATCCCATC  
 CCAGATGAGCGCCGCGCAGCCGCTGCAGCCGCGCCTATGGCCGATCGCCAATGGTGAAGCTTTGGAGCT  
 GTTGGTTTTGACCCTCACCCCCAATGAGGGCCACAGGCCTGCCTTCCAGTCTCGCCTCCATTCTGGAG  
 GGAAACCGGCATACTCCTTCCATGTGAGTGTGATGGGCAGATGCAACCTGTGCCCTTCCCCATGATGC  
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 GCTGTGACCATCAGCAACCCACACGACACGTCTACACAGGCGGCAAGGGCTGTGTGAAGATATGGGACA  
 TCAGCCAGCCGGGCAGCAAGAGTCCCATCTCCAGCTGGACTGCCTGAACAGGGACAACATACATCCGCTC  
 GTGCAAGCTTCTCCCGATGGGCGCACGCTCATTGTGGTGGTGGAGCCAGCACGCTCACCATCTGGGAC  
 CTGGCCTCACCCACCCCGCATCAAGGCTGAGCTGACGTCCTCGGCTCCAGCCTGTTATGCCCTGGCCA  
 TCAGTCTGATGCCAAAGTCTGTTTTCTGCTGCAGCGACGGGAACATTGCGGTTTGGGATCTGCACAA  
 CCAGACCTGGTCAGGCAGTCCAGGGCCACACAGATGGGGCCAGCTGTATAGACATCTCTCATGATGGC  
 ACTAAGCTGTGGACCGGGGGCCTGGACAACACCGTGCCTCCTGGGACCTACGTGAAGGACGGCAGTTAC  
 AGCAACACGATTTACCTCCCAGATCTTCTCCCTGGGTTACTGCCCACTGGGGAGTGGCTGGCCGTGGG  
 CATGGAGAGCAGCAATGTGGAGGCTGCACCACACTAAGCCCGACAAATACCAGCTGCACCTGCACGAG  
 AGCTGCGTGTCCCTCAAGTTCGCCTATTGTGGCAAGTGGTTGTGAGCACTGGGAAAGACAACCTTC  
 TCAATGCCTGGAGACGCCTTATGGAGCCAGCATCTTCCAGTCAAAGAATCCTCATCTGTCTTGAGCTG  
 TGACATTTACGGGATGACAAATATATTGTAACAGGCTCTGGTGACAAGAAGGCCACAGTTACGAGGTC  
 ATCTAC

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Protein Sequence:**

>MR223072 representing NM\_009389  
 Red=Cloning site Green=Tags(s)

MYPQGRHPAPHQPGQPGFKFTVAESCDRIKDEFQFLQAQYHSLKVEYDKLANEKTEMQRHYVMMYEMSYG  
 LNIEMHKQTEIAKRLNTILAQIMPFLSQEHQQVAQAVERAKQVTMTELNAIIGQQQLQAQHLSHATHGP  
 PVQLPPHPGLQPPGIPPVTGSSSGLLALGALGSQAHLAVKDEKNHHELDHRERESSTNNSVSPSESLRA  
 SEKHRGSADYSMEAKKRKAEEKDSL SRYDSGDGKSDDLVVDVSNEDPATPRVSPAHSPPENGLDKARGLK  
 KDAPTSPASVASSSTPSSKTKDLGHNDKSSTPGLKSNTPTPRNDAPTPGTSTTPGLRSMGKPPGMDPI  
 GIMASALRTPITLTSSYPAPFAMMSHHEMNGSLTSPSAYAGLHNIPSQMSAAAAAAAAAYGRSPMVSFGA  
 VGFDPPHPPMRATGLPSSLASIPGGKPAYSFHVSADGQMOPVFPFDALAGPGIPRHARQINTLSHGVEVC  
 AVTISNPTRHVYTGKGCVKIWDISQPGSKSPISQLDCLNRDNYIRSKLLPDGRTLIVGGEASTLTIWD  
 LASPTPRIKAELTSSAPACYALAI SPDAKVCFSCCSDGNI AVWDLHNQTLVRFQGHDTGASCIDISHDG  
 TKLWTGGLDNTVRSWDLREGRQLQHQDFTSQIFSLGYCPTGEWLAVGMESNVEVLHHTKPKYQLHLHE  
 SCVLSLKFA YCGKWFVSTGKDNLLNAWRTPY GASIFQSKESSSVLSCDISADDKYIVTGSGDKKATVYEV  
 IY

TRTRPLEQKLI SEEDLAANDILDYKDDDDKV

**Restriction Sites:**

Sgfl-MluI



**Reconstitution Method:**

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\\_009389.2](#), [NP\\_033415.2](#)

**RefSeq Size:** 5172 bp

**RefSeq ORF:** 2319 bp

**Locus ID:** 21887

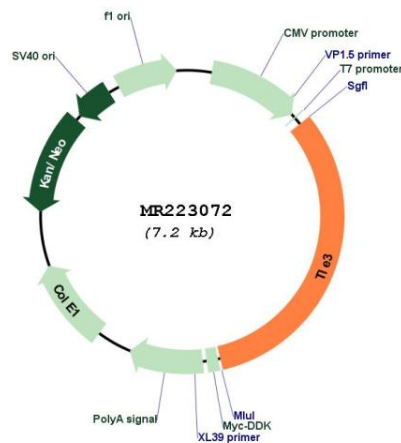
**UniProt ID:** [Q08122](#)

**Cytogenetics:** 9 B

**MW:** 83.9 kDa

**Gene Summary:** 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]

### Product images:



Circular map for MR223072