

Product datasheet for **MC226221**

Tle5 (NM_001276288) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Tle5 (NM_001276288) Mouse Untagged Clone
Tag: Tag Free
Symbol: Tle5
Synonyms: A; Aes; AL024115; Esp1; Gr; Grg; Grg-5; Grg5
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC226221 representing NM_001276288
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGATGTTTCGCAAAGCCGGCACTCGGGCTCCTCCACCTCCCTCAGCAGCTCAAGTTCACCACCTCCG
 ACTCCTGTGACCGCATCAAAGATGAGTTCAGCTGCTGCAAGCGCAGTATCACAGCTGAAGCTGGAGTG
 CGACAAGCTGGCCAGCGAGAAGTCAGAGATGCAGAGGCATTACGTCATGTACTATGAGATGTCCTACGGA
 TTGAACATCGAGATGCACAAACAGGCGGAAATTGTGAAGAGGCTGAATGGGATTTGCGCCAGGTTCTGC
 CCTATTTGTACAGGAGCATCAGCAGCAGGTCCTGGGAGCCATCGAGAGAGCCAAGCAGGTCACGGCTCC
 TGAGCTGAACTCCATCATCCGACAGCTCCAGGCTCACCAGCTGTCCCAGCTGCAGGCGCTGGCCCTGCC
 CTGACACCGCTGCCTGTGGGCTCCAGCCACCGTCCCTCCCTGCAGTCAGTGCAGGCACAGGCTGCTGT
 CACTCTGCTCTGGTTCTCAGACCCACCTCTCCAAGGAGGACAAGAACGGACACGATGGGGACACCCA
 CCAGGAGGATGACGGAGAGAAGTCGGAT**TAG**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_001276288
Insert Size: 591 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).



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OTI Annotation:	Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
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_001276288.1 , NP_001263217.1
RefSeq Size:	1485 bp
RefSeq ORF:	591 bp
Locus ID:	14797
Cytogenetics:	10 39.72 cM
Gene Summary:	<p>This gene encodes a protein that belongs to the Aes (amino-terminal enhancer of split) subgroup of the Groucho/transducin-like Enhancer of split (TLE) family of proteins that function as transcriptional corepressors. The encoded protein plays a role in neurological development and cell-fate determination. Alternatively spliced transcript variants have been observed for this gene. [provided by RefSeq, Jan 2013]</p> <p>Transcript Variant: This variant (2) uses an alternate in-frame splice site in the 3' coding region compared to variant 1. It encodes isoform 2 which is shorter than isoform 1.</p>