

Product datasheet for MR228432

Tle5 (NM_001276288) Mouse Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Tle5 (NM_001276288) Mouse Tagged ORF Clone
Tag: Myc-DDK
Symbol: Tle5
Synonyms: A; Aes; AL024115; Esp1; Gr; Grg; Grg-5; Grg5
Mammalian Cell Selection: Neomycin
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
ORF Nucleotide Sequence: >MR228432 representing NM_001276288
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTGTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCCGCATCGCC

ATGATGTTTCCGCAAAGCCGGCACTCGGGCTCCTCCACCTCCCTCAGCAGCTCAAGTTCACACCTCCG
 ACTCCTGTGACCGCATCAAAGATGAGTTCCAGCTGCTGCAAGCGCAGTATCACAGCCTGAAGCTGGAGTG
 CGACAAGCTGGCCAGCGAGAAGTCAGAGATGCAGAGGCATTACGTCATGTACTATGAGATGTCCTACGGA
 TTGAACATCGAGATGCACAAACAGGCGGAAATTGTGAAGAGGCTGAATGGGATTTGCGCCAGGTTCTGC
 CCTATTTGTACAGGAGCATCAGCAGCAGGTCTGGGAGCCATCGAGAGAGCCAAGCAGGTCACGGCTCC
 TGAGCTGAACTCCATCATCCGACAGCTCCAGGCTCACCAGCTGTCCCAGCTGCAGGCGCTGGCCCTGCC
 CTGACACCGCTGCCTGTGCGGCTCCAGCCACCGTCCCTCCCTGCAGTCAGTGCAGGCACAGGCTGCTGT
 CACTCTGCTCTGGGTTCTCAGACCCACCTCTCCAAGGAGGACAAGAACGGACACGATGGGGACACCCA
 CCAGGAGGATGACGGAGAGAAGTCGGAT

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >MR228432 representing NM_001276288
 Red=Cloning site Green=Tags(s)

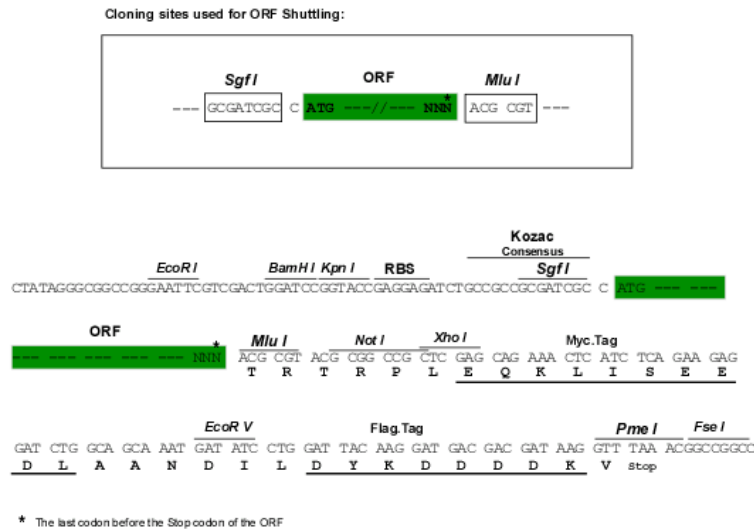
MMFPQSRHSGSSHLPPQLKFTTSDCDRIKDEFQLLQAQYHSLKLECDKLASEKSEMQRHYVMYEMSYG
 LNIEMHKQAEIVKRLNGICAQVLPYLSQEHQQQVLGAIERAKQVTAPELNSIIRQLQAHQLSQLQALALP
 LTPLPVGLQPPSLPAVSAGTGLLSLSALGSQTHLSKEDKNGHDGDTHQEDDGEKSD

TRTRPLEQKLISEEDLAANDILDYKDDDDKV


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Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM_001276288

ORF Size: 588 bp

OTI Disclaimer: The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)

OTI Annotation: This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

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:

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.

Note: Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.

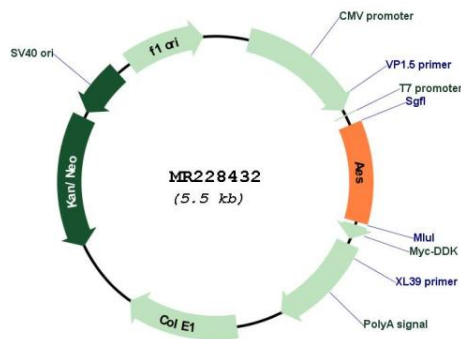
RefSeq: [NM_001276288.1](#), [NP_001263217.1](#)

RefSeq Size: 1485 bp

RefSeq ORF: 591 bp

Locus ID:	14797
Cytogenetics:	10 39.72 cM
MW:	22.3 kDa
Gene Summary:	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]

Product images:



Circular map for MR228432