

Product datasheet for **MC217119**

Toe1 (NM_026654) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Toe1 (NM_026654) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Toe1
Synonyms:	4930584N22Rik; 4933424D16Rik; AI413517
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

Fully Sequenced ORF: >MC217119 representing NM_026654
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGGCCGCGGACAGTGACGATGATGTGCCTCCAGTTCCAACGCCCTCTGACGGTGGTGTCAACAAAAACA
CACAACCTGCAGAGGAGTTTGTGGTTCGGGTCCCTGTGGTAGACGTGCAGAGTGACAACCTCAAGGAGAT
ATGGCCATCACTCTTGCTAGCCTTAAAGACAGCTAGCTTTGTGGCTGTGGACACGGAGCTGAGTGGGCTC
GGGATAGGAAGAGTTTGTGAACCAGTGCATTGAGGAACGTTACAAGGCCGTGTGTCATGCTGCCAGGA
CCCCTTGTCTGTCCCTGGCCCTCGCTGCTTCAGGCAGCAACCAGATAAGGGTGAAAATTTCTACTT
GGCTCAAGTGTCAATCTCACCTGCTATGCATAGAGGAGTACGTTATAGAACCGAAGTCTGTGCAGTTC
CTGGTACAGCATGGCTTCAACTCAACCGGCAGTACGCCAGGGTATCCCCTACCATAAGGGCAATGACA
AGGGAGATGAGAGCCAGAGCCAGTCCGTACGGACGCTGTTCTTGAAGTATTGGGCCCCAGCGCCCT
GGTGTACATAATGGCCTTATAGACTTGGTGTCTGTACCAGAAATTTCTACGCGCACCTGCCTGAGAAC
TTGGGGACCTTCACTGCTGACCTGTGTGAGATGTTCCCAGCAGGCATCTATGACACCAAATATGCCGCCG
AGTTCCATGCCCGATTTGTAGCTTCTACTTAGAATACGCTTTCGGAAATGTGAGCGGGGAGAATGGGAA
GCAGCGGGCAGCTGGCAGCCACATCTTGCCCTGGAATTTCTGCAGCTATCCATCTAGCATGAGCGGGCAC
ATTGACTACCGCTGCTGTATGTCCCCTGGGACCTGCCGTCTTCTCGTACCCTGGCATCTGTGACAAGT
TCTCGGCTATGGCTGGTGTCTCTGGGACCACAGTGTCTCAGTCACACGATATTGACCTTATAATTGA
CACTGTAGAGGCTGTGGCAGAAGATAAGCGGGGAGACGGCGACGTAAGGACAAACGGAAGAGGTCTTTA
CAGAGCCAACCAGGGACACAGACCCTTGGGAAGCTGAAGATGGTCTCCACAAAACAGGTCTGTGAAG
ATAGCCTCGAGACTGAGAAAATGGAACAAAAGTGGCAGAAGTGGGATGAGGCTGGGGATCAGCCTGGTCCAG
GGAAGGTCACACAAGTAGCTTGGAGATGGCACATAGGAGGACAAGTGTGAAACAGCTGATGTGGCCACC
TCAGAGCTGCTGGTGAACCAAGCCAGCACTAACCCGTGCCTGGGGACGGACTGCATCGTCTGTTTTG
ACGCTTTATGACAGGCTATGTGATGGCCTATGTGGCCTGAGCCAGGGACTTCAACTCTGCAGCTCTGA
ACCTTGGCTTCTGAATGTCAACAAGGTATATCTAAGTGGCAAACTGTACCCCTCACAGTGACCAAG
AGCCAGTTTTCCCGTCCATCCAAGCCACAACCAGAAAATGAAGCTGGCTTGGGGCAGCAGCTGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_026654

Insert Size: 1536 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).

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.

RefSeq: [NM_026654.2](#), [NP_080930.1](#)

RefSeq Size: 2008 bp

RefSeq ORF: 1536 bp

Locus ID: 68276

UniProt ID: [Q9D2E2](#)

Cytogenetics: 4 D1

Gene Summary: Inhibits cell growth rate and cell cycle. Induces CDKN1A expression as well as TGF-beta expression. Mediates the inhibitory growth effect of EGR1. Involved in the maturation of snRNAs and snRNA 3'-tail processing.[UniProtKB/Swiss-Prot Function]