

Product datasheet for **MR208219**

Toe1 (NM_026654) Mouse Tagged ORF Clone

Product data:

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



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ORF Nucleotide Sequence:

>MR208219 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGGCCGCAGACAGTGCAGATGGTGTGCCTCCAGTTCCAACGTCCTCTGACGGTGGTGTCAACAAAAACA
 CACAATCTGCAGAGGAGTTTGTGGTTCGGTTCCTGTGGTAGACGTGCAGAGTGACAACCTCAAGGAGAT
 ATGGCCATCACTCTTGCTAGCCTTAAAGACAGCTAGCTTTGTGGCTGTGGACACGGAGCTGAGTGGGCTC
 GGGGATAGGAAGAGTTTGTGAACAGTGCATTGAGGAACGTTACAAGGCCGTGTGTCATGCTGCCAGGA
 CCCGTTCTGTCTGTCCCTGGCCCTCGCTGCTTCAGGCAGCAACCAGATAAGGGTGAAAATTTCTACTT
 GGCTCAAGTGTTCATCTCACCTGCTATGCATGGAGGAGTACGTTATAGAACCGAAGTCTGTGCAGTTC
 CTGGTACAGCATGGCTTCAATTTCAACCGCAGTACGCCAGGGTATCCCCTACCATAAGGGCAATGACA
 AGGGAGATGAGAGCCAGAGCCAGTCCGTACGGACGCTGTTCTTGAAGTATTGGGGCCGACGGCCCT
 GGTGCTACATAATGGCCTTATAGACTTGGTGTTCCTGTACCAGAAATTTCTACGCGCACCTGCCTGAGAAC
 TTGGGGACCTTCACTGCTGACCTGTGTGAGATGTTCCACAGGATCTATGACACCAAATATGCCGCCG
 AGTTCCATGCCCGATTTGTAGCTTCTACTTAGAATACGCTTTCGGAAATGTGAGCGGGGAGAATGGGAA
 GCAGCGGGCAGCTGGCAGCCACATCTTCCCTGGAATTTCTGCAGCTATCCATCTAGCATGAGAGGGCAC
 ATTGACTACCGCTGCTGTATGTCCCCTGGGACCTGCCGTGTTCTCGTACCCTGGCATCTGTGACAAGT
 TCTCGGCTATGGCTGGTGTCTCTGGGACCACAGTGTCTCAGTCACACGATATTGACCTTATAATTGA
 CACTGATGAGGCTGTGGCAGAAGATAAGCGGGGAGACGGCGACGTAAGGACAAACGGAAGAGGTCTTTA
 CAGAGCCAACAGGGACACAGACCCTTGTGAAGCTGAAGATGGTCTCCACAAAGCAGGTCTGTGAAG
 ATAGCCTCGAGACTGAGAAAATGGAACAAAAAGTGGCAGAAGTGGGATGAGGCTGGGGATCAGCCTGGTCCG
 GGAAGGTCACACAAGTAGCTTGGAGATGGCACATAGGAGGACAAGTGTGAAACAGCTGATGTGGCCACC
 TCAGAGCTGCTGGTGAACCAAGCCAGCACTAACCCGTGCCTGGGGACGGACTGCATCGTCTGTTTTG
 ACGCCTTTATGACAGGCTATGTGATGGCCTATGTGGCCTGAGCCAGGGACTTCAACTCTGCAGCTCTGA
 ACCTTGGCTTCTGAATGTCAACAAGGTATATCTAAGTGGCAAACTGTACCCCTCACAGTGACCAAG
 AGCCAGTTTTCCCGTCCATCCAAAGCCACAACCAGAAAATGAAGCTGGCTTGGGGCAGCAGC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>MR208219 protein sequence
 Red=Cloning site Green=Tags(s)

MAADSDDGVPVPTSSDGGVKNKNTQSAEEFVVRVPVVDVQSDNFKEIWPSSLALALKTASFVAVDTELSGL
 GDRKSLLNQCIIEERYKAVCHAARTRSVLSLGLACFRQQPDKGENSYLAQVFNLTLLCMEYVIEPKSVQF
 LVQHGFNFRQYAQGIPIYHKGNKGDQESQSVRTLFLLELIRARRPLVLHNLIDLVFLYQNFYAHLPEN
 LGTFTADLCMFPAIYDTKYAAEFHARFVASYLEYAFRKCERENKQRAAGSPHLALEFCSYPSSMRGH
 IDYRCCMSPGTCRRSRTTICDKFSAYGWCPLGPQCPQSHDIDLIIIDTDEAVAEDKRRRRRRKDKRSL
 QSQPGTQTLVEAEDGPPTKQVCEDSLETEKMEQKVAEAGEAGDQPGSREGHTSSLEMAHRRRTSAETADVAT
 SELLVNQASTNPVPGDGLHRAGFDAMTGYVMAYVGLSQGLQLCSSEPWLPECHNKVYLSGKTVPLTVTK
 SQFSRPSKAHNQKMKLAWGSS

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

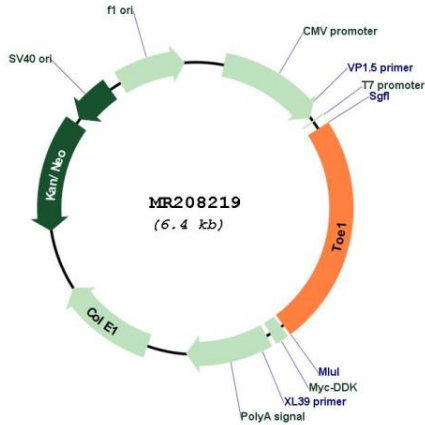
Restriction Sites:

Sgfl-Mlul

MW: 56.9 kDa

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]

Product images:



Circular map for MR208219