

Product datasheet for **MC200648**

Tial1 (BC010496) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Tial1 (BC010496) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Tial1
Synonyms:	5330433G13Rik; AL033329; mTIAR; TIAR
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >BC010496
 GCGCAGTGTCCGGAGCGGGCTGGGGGAGCGGACCCGAGAGCGGGGTTTCAGTACCTTTTCTCTGTCCCC
 AGCCGGCGCCCGGAGCTCCCCTCCCCAGCCCTGCCCTCCCCTTGTCCCGGGATCACTCCGTCGCACCCA
 CCATGATGGAAGACGACGGACAGCCCCGGACTCTATACGTAGGTAACCTCTCCAGAGATGTGACAGAAGT
 CCTTATTCTTCAGTTATTAGTCAGATCGGACCCTGTAAAAGCTGTAATAATGATAACAGAGCATACAAGC
 AATGACCCATATTGCTTTGTGGAATTTTATGAACACAGAGATGCAGCTGCATTAGCTGCTATGAATG
 GGAGAAAAATTTGGGAAAGGAGGTCAAAGTAACTGGGCAACAACACCAAGTAGCCAGAAAAAAGATAC
 TTCCAATCACTTCCATGTGTTTGTGGGATTTGAGTCCAGAAATTACAACAGAAGATATCAAATCAGCA
 TTTGCCCCCTTTGGTAAAATATCGGATGCCCGGTAGTTAAAGACATGGCAACTGGAAAGTCCAAAAGCT
 ATGTTTTGTATCTTTTTATAACAACTGGATGCAGAGAATGCAATTGTGCATATGGGGGTTCAGTGTT
 GGGAGTGCAGAAATCAGAACCAATTGGCCACACGTAAACCACCTGCCCTAAAAGTACACAAGAACT
 AACACTAAGCAGTTGAGATTTGAAGATGTAGTAAACCAGTCAAGTCCAAAAACTGTACTGTACTGTG
 GAGGAATTGCTTCGGGGCTGACAGATCACTTATGAGACAACATTTTACCATTGGACAAATTATGGA
 AATACGAGTTTTCCAGAGAAGGGCTATTCGTTTGTGAGATTTTCCACTCAGGAGTGGCGCCACGCC
 ATTGTCTGTGAACGGCACTACAATCGAAGGACATGTGGTGAATGCTATTGGGGTAAAGAATCTCCTG
 ATATGACTAAAACTTCCAAAGGTTGACTACAGTCAGTGGGGCCAGTGGAGCCAAGTGTATGGAACCC
 ACAACAGTATGGACAGTATATGGCAATGGGTGGCAAGTACCACCTATGGAGTATATGGCAGCCGTGG
 AACCAACAAGGATTTGGAGTAGATCAATCCCCTTCTGCTGTTGGATGGGTGGATTTGGTCTCAGCCTC
 CTCAAGGACAAGCCCCTCCCCTGTAATACCTCCTCAAACCAAGCTGGGTATGGAATGGCAAGCTTCCC
 GACACAGTGAGCTGGGACTCGAAACACGATTGTAATTCACCACAGGCTGCAGTCTCCTGTACACACTGA
 AGACATGAAAAGTAAACATCGGAAAATGAAAATATTTATTTAAAAATGAAATGTTTGGAACTTTAGC
 ACAGCTTTGCTTGGTGAAGGACACATGTCTTAGTCTGCCTTTTTAAGTTTTTGTTCATGATGGATAT
 GAACATGATTTTTCTTTGTGACAAAAACTAAAATAAAGTCAATAAAGACAATTCGACTATAAATTTT
 GATATAATAGGAGAAATGGGTAATACACTTCGATCCTTAGACACTATTCCATTTTTATCTTGTCTGTTAG
 TATTTAACTCACTGTGTTTTTAAAAGACAAAAAAGGGAGTATCGTGAATAACTGAGAATCACATCAGT
 TCGTCTGAATCCTGATACTCCCCTCCCCTGAGGCGGACCACATAGAAGGCAGCAGGAGAAAGTGT
 GATTTCAGAAGAAGTCCATGATGTGGGAGTCGCTGTGGAAGAAATATGTTATTCTCTTATGTTAAAGAAA
 ATGAAGCCAGACTGAAAGCGTGCAGCCTGAATAAGGACCAGCATCGTAGAAGGTTCTTGAACGATTGTTG
 GTGGTCCATATTAAGACATATTTTTAAACTTTAAAGTGTGGTTATCAAAAATGTATATTACATTTCA
 TTTGGGGAAAAATCCAAGTATGGTGTATATTAAGTCAGACGGTCATAAAAAAAAAAAAAAAAAAAAAA AAAAAAAAAA

Restriction Sites: RsrII-NotI

ACCN: BC010496

Insert Size: 1128 bp

OTI Disclaimer: Due to the inherent nature of this plasmid, standard methods to replicate additional amounts of DNA in E. coli are highly likely to result in mutations and/or rearrangements. Therefore, OriGene does not guarantee the capability to replicate this plasmid DNA. Additional amounts of DNA can be purchased from OriGene with batch-specific, full-sequence verification at a reduced cost. Please contact our customer care team at custsupport@origene.com or by calling 301.340.3188 option 3 for pricing and delivery.

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](#)

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:	<u>BC010496</u> , <u>AAH10496</u>
RefSeq Size:	2039 bp
RefSeq ORF:	1128 bp
Locus ID:	21843
Cytogenetics:	7 F3
Gene Summary:	RNA-binding protein. Possesses nucleolytic activity against cytotoxic lymphocyte target cells. May be involved in apoptosis (By similarity).[UniProtKB/Swiss-Prot Function]