

Product datasheet for **MC218374**

Trit1 (BC019812) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Trit1 (BC019812) Mouse Untagged Clone
Tag: Tag Free
Symbol: Trit1
Synonyms: IPT, MOD5
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >BC019812
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGGGCACTGGGAAAGTGGTTGATCGGAAAGTAGAGCTTGAAGGAAGATGGTCATGAACTCCATAAAC
GGCTAAGCCAGGTGGACCCAGAAATGGCCGCAAGCTACACCCGCATGACAAACGCAAAGTGGCCAGGAG
CTTGCAAGTGTGGAAGAAACAGGAATCTCTCACAGTGAATTCCTTCATCGTCAGCACGCAGAGGAAGGC
GGTGGTCCCTCTTGAGGCCCTCTCAGGTTCCCTAACCCATGCATCCTCTGGCTCCATGCTGACCAGGCAG
TTCTAGATGAGCGCTTGATAAAAGAGTGGATGACATGCTTGCTGCCGGACTCTTGAAGAGCTGAGAGG
TTTTACAGACGTTATAATCTTAAGAACATTTAGAAAATAGCCAGGACTATCAACACGGTATCTTCCAG
TCAATTGGCTTCAAGGAATTTACGAGTACCTGACCACTGAGGGGAAATGCACACCAGAGACTAGTAACC
AGCTTCTAAAGAAAGGTATTGAGGCTCTGAAACAAGTAACTAAGAGATATGCCCGGAAACAGAACCAGT
GGTTAAAACCGCTTTTTGAGCAGACCTGGGCCAGTGTCCCCCGGTATATGGCTTAGAAGTATCTGAT
GTTTCCAAGTGGGAGGAGTCTGTTCTGGAACCTGCTCTCAATATAGTACAAAGTTTCATCCAGGGTCACA
AACCTACAGCCATGCCAGTGAAGATGGCATAACAATGAAAGTGAACAAGAGAAGTTACCCATGTGTGA
CCTCTGTGACCGGATCATATTGGGACCGGGAATGGGCAGCACATTTAAAATCCAAATCTCACTTGCAC
CAATTGAAGAAAAGAAGGTTGGACTTAGACGCTGTCAAGTGCACAGGAAGTCAAAGTAAATCCCCAG
ACTGTGACCCGGAACGCATCGAGGGGGAATCCTCGGGGCAGCACAATCAAGAGCTGAAGGCCAGTGTG
A

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCTGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: BC019812



[View online »](#)

Insert Size:	981 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:	<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:	BC019812 , AAH19812
RefSeq Size:	2045 bp
RefSeq ORF:	980 bp
Locus ID:	66966
Cytogenetics:	4 D2.2
Gene Summary:	Catalyzes the transfer of a dimethylallyl group onto the adenine at position 37 of both cytosolic and mitochondrial tRNAs, leading to the formation of N6-(dimethylallyl)adenosine (i(6)A).[UniProtKB/Swiss-Prot Function]