

Product datasheet for **MC216221**

Trim21 (NM_001082552) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Trim21 (NM_001082552) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Trim21
Synonyms:	Ro52; Ssa1
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >MC216221 representing NM_001082552
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGTCTCTGGAAAAGATGTGGGAGGAGTACCTGTTCTATCTGCCTGGATCCCATGGTGGAGCCTATGA
 GTATCGAATGTGGCCATTGCTTTTGCAAGGAATGCATTTTGAAGTTGGGAAGAATGGGGCAGTTCATG
 TCCCGAGTGCCGGCAACAGTTTCTGCTCCGAAACCTCAGGCCAATAGACATATAGCCAACATGGTGGAA
 AACCTTAAACAGATAGCCAGAATACCAAGAAGAGTACCCAGGAAACGCACTGCATGAAGCATGGAGAGA
 AGCTTCACCTATTCTGTGAGGAAGATGGCAGGCCCTTTGCTGGGTGTGTGCCAGTCTGGGAAACCCG
 GGACCACACCAGGTCCCTATTGAAGAGGCTGCTAAGGTATACCAGGAGAAGATCCACGTGGCTTTAGAA
 AAACTGAGAAAGGGAAAGAGTTGGCCGAGAAGATGGAATGGATCTCACGATGCAAAGAACAGACTGGA
 AGAGGAACATTGACACCCAGAAGTCGAGGATTCACGCAGAGTTCGCACTCAGAATAGCTTGCTGGCTCA
 GGAGGAGCAGAGGCAGCTGCAGAGGCTGGAGAAGGATCAAAGGGAGTACCTGAGACTCCTGGGGAAGAAG
 GAGGCTGAGCTGGCTGAGAAGAACCAGGCCCTGCAGGAGCTGATCTCAGAGCTGGAGAGGAGGATTCTGTG
 GTTCAGAGCTGGAGCTACTGCAGGAGGTGAGGATCATCCTGAAAAGGAGTGGATCCTGGAACCTGGACAC
 GTTAGATATTGACGCCCCAGACCTAACAAAGCACATGCCCTGTGCCAGGGCGGAAGAAGATGCTGAGGACA
 TGTTGGGTTTCATTA TACTCTGGATCGCAACACCCGCAACTCATGGCTCATCATCTCAAAGGATCGGAGAC
 AAGTGAGGATGGGAGACCCCATCAGAAGTGTCTGACAAATGAGGAGAGGTTTAGTAATTACCCCATGGT
 GCTAGGTGCCAGAGATTCTCCTCTGGGAAGATGACTGGGAGGTAGATGTGACTCAAAGGAGGCCCTGG
 GATCTGGGGTTTGCAGAGATTCTGTTTCAGAGGAAAGGGCAGTTTCACTCAGTCCCAGAAATGGCTTCT
 GGACCATTGGTTATGGCAAGACAGCTATGAGGCTGGTACCAGTCTCAGACCACCTCCACATTCAAGT
 ACCTCCATGCCAAATTGGGATCTTTGTGGACTATGAGGCTGGCGTTGTCTCCTTACAACATAACTGAC
 CATGGCTCCCTCATTTACACCTTCTCGGAGTGTGTTTTGCTGGACCTCTGCGACCTTTCTCAATGTTG
 GTTTCAATTATAGTGGGGAAATGCAGCGCCTCTAAAGCTCTGTCCACTAAAGAT**GTGA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_001082552
Insert Size: 1389 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:

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_001082552.2](#), [NP_001076021.1](#)

RefSeq Size: 2721 bp

RefSeq ORF: 1389 bp

Locus ID: 20821

Cytogenetics: 7 E3