

Product datasheet for **MC227822**

Trim21 (NM_009277) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Trim21 (NM_009277) 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: >MC227822 representing NM_009277
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGTCTCTGGAAAAGATGTGGGAGGAGTACCTGTTCTATCTGCCTGGATCCCATGGTGGAGCCTATGA
 GTATCGAATGTGGCCATTGCTTTTGAAGGAATGCATTTTGAAGTTGGGAAGAATGGGGCAGTTCATG
 TCCCGAGTGCCGGCAACAGTTTCTGCTCCGAAACCTCAGGCCAATAGACATATAGCCAACATGGTGGAA
 AACCTTAAACAGATAGCCAGAATACCAAGAAGAGTACCCAGGAAACGCACTGCATGAAGCATGGAGAGA
 AGCTTACCTATTCTGTGAGGAAGATGGCAGGCCCTTTGCTGGGTGTGTGCCAGTCTGGGAAACCCG
 GGACCACACCAGGTCCCTATTGAAGAGGCTGCTAAGGTATACCAGGAGAAGATCCACGTGGCTTTAGAA
 AACTGAGAAAGGGAAAGAGTTGGCCGAGAAGATGGAATGGATCTCACGATGCAAAGAACAGACTGGA
 AGAGGAACATTGACACCCAGAAGTCGAGGATTCACGCAGAGTTCGCACTCAGAATAGCTTGCTGGCTCA
 GGAGGAGCAGAGGCAGCTGCAGAGGCTGGAGAAGGATCAAAGGGAGTACCTGAGACTCCTGGGGAAGAAG
 GAGGCTGAGCTGGCTGAGAAGAACCAGGCCCTGCAGGAGCTGATCTCAGAGCTGGAGAGGAGGATTCTGT
 GTTCAGAGCTGGAGCTACTGCAGGAGGTGAGGATCATCCTGAAAAGGAGTGGATCCTGGAACCTGGACAC
 GTTAGATATTGACGCCCCAGACCTAACAAAGCACATGCCCTGTGCCAGGGCGGAAGAAGATGCTGAGGACA
 TGTTGGGTTTCATATTACTCTGGATCGCAACACCCCAACTCATGGCTCATCATCTCAAAGGATCGGAGAC
 AAGTGAGGATGGGAGACCCCATCAGAAGTGTCTGACAATGAGGAGAGGTTTAGTAATTACCCATGGT
 GCTAGGTGCCAGAGATTCTCTCTGGGAAGATGTAAGGCTGGTACCAGTCCCTCAGACCACCTCCACATTCAAGT
 GATCTGGGGTTCAGAGATTCTGTTTCCAGAGAAAGGGCAGTTTCACTCAGTCCCAGAAATGGCTTCT
 GGACCATTTGGTTATGGCAAGACAGCTATGAGGCTGGTACCAGTCCCTCAGACCACCTCCACATTCAAGT
 ACCTCCATGCCAAATTGGGATCTTTGTGGACTATGAGGCTGGCGTTGTCTCCTTACAACATAACTGAC
 CATGGCTCCCTCATTTACACCTTCTCGGAGTGTGTTTTGCTGGACCTCTGCGACCTTTCTCAATGTTG
 GTTTCAATTATAGTGGGGAAATGCAGCGCCTCTAAAGCTCTGTCCACTAAAGAT**GTGA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_009277
- Insert Size:** 1389 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).
- OTI Annotation:** Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
- 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_009277.4](#), [NP_033303.3](#)

RefSeq Size: 2790 bp

RefSeq ORF: 1389 bp

Locus ID: 20821

Cytogenetics: 7 E3