

## Product datasheet for **RN202825**

### Trim21 (NM\_001082572) Rat Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Trim21 (NM_001082572) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Trim21
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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**Fully Sequenced ORF:** >RN202825 representing NM\_001082572  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGCATCGCC**

ATGTCACACTCTACAACCTCAAAAATGTCCTGGAAAAGATGTGGGAGGAGTCACTGTCTATCTGCC  
 TGGAGCCCATGGTGGAGCCTATGAGTATCGAATGTGGCCACTGCTTTGCAAGGAATGCATTTCTGAGGT  
 TGGGGAAATGGGGCGGTTTCATGTCCCGTGTGCCGCAACACTTTCTGCTCAGAAAACCTCAGGCCCAAT  
 CGGCATATAGCAAACATGGTGGAAAACCTTAAACAAGAGGCCAGAATACCAAAAAGGCCACCCAGGAAG  
 TGCCTGCATGAAGCATGGAGAGATACTTCACCTGTTCTGTGAGGAAGATGGGCAGGCCCTTTGCTGGGT  
 GTGTGCCAGTCTGGGAAACACCGGGACCACCAAGTCCCCATTGAAGAGGCTGCTAAGATATACCGAG  
 GAGAAGATTCACAAGCCTTAGAAAACTGAGAAAAGGAAAGAGTTGGCCGAGAAGTTGGAAATGGATC  
 TTGCAATGCAAAGAACAGACTGGAAGAGGAACATTGACACCCAGAAGTCGAGGATTCACGAAGATTCCG  
 ACATCAGAATAGCTTGTGGCTCAGGAGAACAGAGGCAGCTGCAGAGGCTGGAGAAGGATGAAAGGGAG  
 CACCTGAGACTCCTTGGGAGAAGGAGGCTGAGCTGGCTGAGAAGAACCAGGCCCTGCAGGAACTGATCT  
 CAGAGCTGGAGAGGAGGCCGAGGTTCAAGCTGGAGCTATTGAAGGAGGTGAGGATCGTCTTGAAAG  
 GAGTGTATCCTGGAACTGGACACGGTAGATGTTGATTCCCAGACCTGACAAGCACATGCCATGTGCCA  
 GGGCGGAAGAAGATGCTGAGGACCTGTTGGGTTTCACTCTGGATCGTGACTGCCAACTCGTGCC  
 TCATCATCTCAAAGGATCGGAGACAAGTGGAGTGGGAGACACCTATCAGAATGTGTCTGAAAATGCTGA  
 GAGATTTAATAATTACCCATGGTGCTAGGTGCCAGAGATTCTCCTCTGGGAAGATGACTGGGAGGTA  
 GATGTGACCCAAAAGCAGGCCTGGGATTTGGGGTTTGCAGAGATTCTGTACAGAGGAAAGGGCATT  
 CACTCAGTCTGAAAATGGCTTCTGGACATTTGGCTTTGGCAAAAAGACAACATGAGGCTGGTACCAG  
 TCCTCAGACCACCTCCATATTCAGGTACTCCGTGCCAAATTGGGATCTTTGTAGACTATGAAGCTGGC  
 ATTGTCTCCTTCTACAACATAACTGACCACGGCTCCCTCATCTACACCTTCTCAGAGTGTCTTTTATCG  
 GACCTCTGCGACCCTTCTTAGTGTGCGTTTCAATGATGATGGGGGAATTCAGCCCTCTAAAGCTCTG  
 TCCACTAAAGAT**TGA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM\_001082572
- Insert Size:** 1416 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:**
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\\_001082572.1](#), [NP\\_001076041.1](#)  
RefSeq Size: 1416 bp  
RefSeq ORF: 1416 bp  
Locus ID: 308901  
Cytogenetics: 1q32