

## Product datasheet for **RN216778**

### Trim6 (NM\_001170461) Rat Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Trim6 (NM_001170461) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Trim6
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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**Fully Sequenced ORF:** >RN216778 representing NM\_001170461  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**GCGATCGCC**

ATGACTTCAGCAGTCCTGGTGGACATCCGAGATGAAGTCACTTGCCTATCTGCTTGGAGCTCCTGACAG  
 AACCCCTGAGCATAGATTGCGGTCATAGCTTCTGCCAGGCTGCATCATAGGAAACAGTGATAATTCAGT  
 GCTCAACCCAGAAGGAAGAGCAGCTGTCTGTGTGCCGGACCGTCTACCAGCCTGGGAGCCTCCGTCT  
 AACCGGCACCTGGCCGCATAGTAAAAGGCTCAGAGAAGTCGTGTTAGGCCCTGAAAACAGCTCGAGG  
 TCATTTTTTGTGCGTTCATGGAGAGAACTTCAACTTTTTTGAAGGAGGATGGAAAGTTAATTTGCTG  
 GCTTTGTGAGCGATCTCTGGAGCACCGTGGTTCATCACACATTCTCATGGAGGAGGTAGCACAGGAGTAC  
 CAGGACATGTTCCAGGAGTCTCTGAAGAAGCTGAGGAGGGAGCAGCAGGAAGCCGAGAAGCTAAAAGCTC  
 TTATCAAAGAGAAGGGGAATCCTGGAAGAGTCAGGTGGAGCCTGAGAGACCCGGATCCAGACAGAGTT  
 TAATCAGCTCCGAAGCATCCTGGACAGGGAGGAGCAGCGGAACGAAGAACTGGAAGTGAAGAGAGG  
 AAGGGGCTGAGCGTCATAGAAAAGGCCGAGGGTGACCTGATCCACCAGAGCCAGGCACTAAAAGACCTCA  
 TCTCAGACCTGGAGCACCGGTGCCGGGGTCCACAGTGAAGTGTTCAGGATGTGGGTGACGTCACAAA  
 AAGGAGTGAGTTCTGGACCTTGAAGAAGCCCAAGCTCTCCCAACCAAGCTGAAAAGTTTGTTCGAGCC  
 CCGGATCTGAAGAAGATGCTGCGAGTCTTTAGAGAGCTGACAGACGTCCAAGCTACTGGGTGGAGCTGA  
 CTCTGAATCCACAGACGGCTAATTTAAATCTTGTCTGTGCAAAAACCGGAGACAGGTGAGGTTTGTGGG  
 TGCCAAGCTGTCGGAGCCGTCTAGTCTGGAAGAACATTAGACTGTAGTGTCTGGGTTCTCAGCACTTC  
 TCCTCAGGCAAACTACTGGAAGTGGATGTGACCAAGAAGACGGCGTGGATCTTGGGTGTATGCAGTA  
 CCCCTGTGGAACCCATGTTCTCCTTCAGCCAGTACTCCAGTAAGCAGGGTGCCTACTCTCGGTATCAGCC  
 ACAGAGTGGATACTGGGTGATAGGTTTGCAGCGTAAGCACGAGTACAGAGCCTATGAGGACTCCTCCCA  
 TCCTGCTCCTCTCCATGACGGTGCCACCTCGACGCATAGGGGTTTTCTTAGACTATGAGGCTGGCACGG  
 TCTCCTTTATAATGTCACAAACCATGGCTTGCCCATCTACACCTTCTCCAAGTATTACTCCCTACTGC  
 CCTTTGTCGGTATTTAATCCCTGCAGCTGTGTAGTCCCGATGACTCTGCGGGCCCAACTCT**TGA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM\_001170461
- Insert Size:** 1467 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\\_001170461.1](#), [NP\\_001163932.1](#)

**RefSeq Size:** 2452 bp

**RefSeq ORF:** 1467 bp

**Locus ID:** 293294

**Cytogenetics:** 1q32