

## Product datasheet for **RN216772**

### Trim58 (NM\_001191641) Rat Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Trim58 (NM_001191641) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Trim58
Synonyms:	RGD1566174
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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**Fully Sequenced ORF:** >RN216772 representing NM\_001191641  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGCATCGCC**

ATGCCACAGCACCCGGGAGCGGCTGCAGGAGGAGGCACGGTGTCTCAGTGTGCCTGGACTTCTGCAGG  
 AGCCCATCAGCGTTGACTGTGGTCACAGCTTCTGTCTGCGGTGCATATCTGAGCTCTGCGAGAAATCGGA  
 CAGCGCTCAGGGAGTCTATGCTTGTCCCAAGTGCAGGGTCCCTTCAGGCCCTCCAGCTTCCAGACCAAC  
 CGGCAGCTGGCCAGCCTGGTGGACACCGTGCAGGAGTGGGGCTGGGCACCGGACACCGGGGTCGCGTC  
 AGTGTTCGAGGCACGGTGAAGACCTGAGCCACTTCTGTGAAGAGGACCAAGCGATGGTGTCTGGTCTG  
 CGACACCAGCCCTGAGCACCGGAGCCACCGCACTGAGCCGCTGCAGGAGGACCCAGCCGCTACCAGAGG  
 ATGCTCCAAGTGGCTTTGGAACCTGTGAAGAAGGAAATGGAGGAGGCTCTGACCCAGGAGGCCAACGTGG  
 GAAAGAAGACCATCATCTGGAAGGAGAAAGTGGAGATGCAGAGACAACGTTTCAGGCTGGAGTTTGAGAA  
 ACACCGGGGCTTTCTGGCCAGGAGGAGCAGCTGCAGCTGAGGCGACTGGAAGAGGAGGAGCGAGCAACC  
 CTGCAGAGACTGCGTGACAGTAGGAACAGGCTGGCCCAACAGAACAAGCCCTGAAGGAACCTGGCTGAAG  
 AGCTGGAGGAGATGAGTCAGAGGCCAGCGGTAGCACTGCTGGAGGGAGCGAGAGGAGTCTTGACGCGAAG  
 CGAAGCTATGACCAGGCTGGAACAGAGGCTGTCCCTATGGAGCTGAAGACCGTGTGCCGCATCCCTGGG  
 ATGAGGGAGATGCTGAGGAAGTCCAAGTGGACGTGAAACTCGATCCCGCCACTGCCACCCAAGCTTGC  
 TCTTAACGACGGATCTGCGCAGTGTGCAGGATGCGGAGGTCTGGAGGGATGTCCCGAGCAACCCTGAGCG  
 CTTTGACACCTGGCCCTGCATCCTGGCCCTGCAGGGCTTCTCCTCCGGGAGGCATTACTGGGAAGTCATC  
 GTGGGGAAAGAGCAGAGTGGGGCTAGGGTCTGCCAAGACTCAGTGTAGAAAAGGGGAGACCACAC  
 CGTCCCCAGAGAATGGTGTCTGGCCATGTGGCTCCTGAGGGGGAGCGAGTACATGGTCTCTCCTCTCC  
 CTGCGTGCCTGTGTTCCAAGATGAGCGACCTCGTCGCATCGGGATCTTTTGGACTACGAAGCCGGCCAA  
 ATCTCCTTCTACAATGTCAAAATGGGTCTTACATCTACACATTTAACCATCTTCTCCTGGTGTCTCA  
 GGCCCTATTTCTCGTCTGTGACACAACCTCTTATCTTGCCACCCATGACAGAAGCAGGACCTGGAAA  
 CTGGACTTCCAGGGTCTCCTTGATTTTGTGTTGCTGCCAGAAGTGAGGAATAC**TAA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM\_001191641
- Insert Size:** 1458 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\\_001191641.1](#), [NP\\_001178570.1](#)

**RefSeq Size:** 1458 bp

**RefSeq ORF:** 1458 bp

**Locus ID:** 303167

**Cytogenetics:** 10q22