

## Product datasheet for **RN213459**

### **Terf2 (NM\_001108448) Rat Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Terf2 (NM_001108448) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Terf2
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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**Fully Sequenced ORF:** >RN213459 representing NM\_001108448  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGCATCGCC**

ATGGCGGGAGGAGCGGGAGCAGCGACAACGGCGGGAGGGCGCGGAACCGCGAGCATCGCGCAGCGCG  
 GGAGGGCTCGACGGGGCGGCACGAGCCGGGGCTGGGAGGCGCGCAGAGCGGGCGCGGGGAAGCTCG  
 TCTGGAGGAGGCGGTCAACCGCTGGGTGCTCAAGTTCTACTTCCACGAGGCGCTGCGGGCCTTTCGGAGT  
 AGCCGGTACCGGACTTCAGGCAGATCCGGGACATCATGCAGGCGTTGCTTGTGTCAGGCCCTTGGGAAGG  
 AGCATACGGTGTCCCGTTGCTGCGGGTTATGCAGTGTCTATCGCGCATTGAAGAAGGAGAAAAATTTAGA  
 CTGTTCCCTTTGATATGGAGGCCGAGCTCACACCCTGGAGTCAGCTATCAATGTGCTGGAGATGATTA  
 ACAGAGTTCACACTGACAGACTCAATGGTTGAATCCAGCAGGAGACTGGTGAAGGAGGCTGCTGTCATTA  
 TTTGTATCAAAAACAAAGAATTTGAAAAGGCTTCAAAAATTTGAAAAATACATGTCCAAGGACCCAC  
 AACTCAGAAAGTAAGAACTGATCTCCTGAACATTATCCGGAAAAGAACTTGGCTCACCTGTTATCCAG  
 AACTTTTCTACGAGATCTTCCAGCAGAAGATGTTGCGCTTCTGGAGAGCCACCTGGATGACACGGAGC  
 CCTACCTCCTCAGATGGCTAAAAAGCTTTGAGATCAGAATCAGCTGCTTCAAGTACAATGAAGGAGGA  
 AAAGCACACAGAGCCAGTGGAGAAACACTCAGAGAGCCTCCACGACAGCCTCGGAACCTCCAACCACC  
 ATCGGACTCAGGACAGTGAAGGCAGCTTCAAAGCTCTGTCTACTGCACAAGACTCAGAAGCGGCTTTTG  
 CAAAATGGACCAGAAAGATCTGGTACTTCTAACCTAGCATCCCCATCATCACCGACCCACAAAAACAA  
 GAGACCCAGGAAAGATGAAAATGAAAGCTCAGCTCCTGCTGAGGGTGAGGGAGGCTCAGAACGACAGCCC  
 AGGAACAATCGCATGACAATAAGCAGATTGGTGTGGAGGAGGACAGCCAGAGTTCTGAGCCAGCCAG  
 ACCTCAATTCTCCCGCAGGCCTTATCAGCATCACCATCAAGCCAGAGCTCAACCAACCCACAC  
 AGGGGAGAAGAATCCCAAGCATCGAAAGACAAGTGGAACAGCCCTAACGGGCTTGAAGAAAAGGAAGTT  
 TGGTCGGAAGAGGACCAGCTGTTTGAAGTGCGGGCACCAGGTGAAGACAAGTCATCCAATTTAGCAAGAA  
 AGCAGAAGTGGACCATAGAAGAAAGCAGTGGGTGAAGGATGGAGTGCAGAAATACGGGGAGGAAACTG  
 GGTTGCCATTTCTAAAAGTTACCCCTTTGTTAACCGAACAGCTGTGATGATTAAGATCGCTGGCGGACC  
 ATGAAAAA**ACTTGGCTTGAAC**TGA

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI

**ACCN:** NM\_001108448

**Insert Size:** 1494 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\\_001108448.1](#), [NP\\_001101918.1](#)

**RefSeq Size:** 1982 bp

**RefSeq ORF:** 1494 bp

**Locus ID:** 361403

**Cytogenetics:** 19q12