

## Product datasheet for **RN203348**

### **Terf1 (NM\_001012464) Rat Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Terf1 (NM_001012464) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Terf1
Synonyms:	MGC109063
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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**Fully Sequenced ORF:** >RN203348 representing NM\_001012464  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGATCGCC**

ATGGCGGGGACTGTCACCTCAGCAGCTCCGGGCGCGGGAGCAATGCGGGCGGGACAAGCGCGATTCTC  
 CAGAGAAGGAGGCGCGAGAGACGACGAGAGTTGTTTCGACTGCCGGGTGCAGCTGGGGCCCCGAGAGA  
 GGAGGAGAACCGCGAGCTTGTGGCCGAGGCGGAGGCCGTGGCTGCGGGCTGGATGCTCGACTTCCTCTGC  
 CTGTCTCTGTGCCGAGCCTTTCGCGACGGCCGCTGCGAGGACTTTCGCCAGACTCGTGACAGCGCCGAGG  
 CTATTATTCATGGACTACCCAGTCTTACAGCTTACCAGTTGAAAAGTGTATATATATGTCAGTTTTTGC  
 AAGAGTTGCAGCAGGAAAGTCTTTGATGCACAGTTTGAAGTTGATGAGCGGATTACACCCTTGGAAATCA  
 GCCCTGATGATTTGGGACTCAATTGAAAAAGAACATGACAACTTCATGAAGAAATACAGAATTTAATTA  
 AAATTCAGGCTGTAGCTGTGTATGAAATGGGCAGCTTAAAGGAAGCAGAAGAAGTGTGAAAGAAT  
 ATTTGGTGACCCAGAATTTACACGCCTTAGAAAGAAAATTACTTAAGATAATCTCTCAAAAAGACGTC  
 TTCCACGTCCTTTTTCAACGCTTCAGTTATAACCTCATGATGGAGAAAATTCAGAGTTATGTGGAGTGTG  
 TGTTAAATGAGAAATCATCAACTTTCCTAATGAAGGCAGCAACAAAAGTAGTGGAAAATGAAAAGCAAG  
 GACAGTAGCTTCGGAGGATAAAGCAAAGGCCACCAACTGGAACAGAAACGGAAGTTAACTCGAATAAA  
 GGAGAAAGTGTTAATGGCCAACAGTCTGTAGAAACTGAATCCTTGGTGGATACAGGATCCTCAGTAAGGT  
 CTCACAAGAAATGCCTTATCTCCGTTGAAAAGCAGACGCTTCAGCCAGATTTCAATAGGAATGAAGCAAG  
 AACAGGAACTCTTCAGTGTGAAATAGCAACAAAACGAAACAGAAGAACAGTGGAGGGAATAGATTACGT  
 ATTTCAAAGAATCAGCCGGACACTAATGAAAAACATGGGCGCAGGAAAAAACAGACATGGCTTTGGGAAG  
 AAGACAGAAGTTTGAAGTGTGGTGAAGGAAATATGGAGAGGAAATTTGGGCTAAAATACTATCCCATTA  
 TAAGTTCAACAACCGAACAGTGCATGTTAAAGGATCGGTGGAGAACGATGAGGAGGCTAAGGCTCATT  
 AGCTGA

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** Sgfl-Mlul

**ACCN:** NM\_001012464

**Insert Size:** 1266 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\_001012464.1, NP\_001012482.1

RefSeq Size: 2056 bp  
RefSeq ORF: 1266 bp  
Locus ID: 297758  
Cytogenetics: 5q11