

## Product datasheet for **SC213679**

### TRF2 (TERF2) (NM\_005652) Human 3' UTR Clone

#### Product data:

Product Type:	3' UTR Clones
Product Name:	TRF2 (TERF2) (NM_005652) Human 3' UTR Clone
Symbol:	TRF2
Synonyms:	TRBF2; TRF2
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_005652
Insert Size:	1361 bp



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**Insert Sequence:** >SC213679 3'UTR clone of NM\_005652  
 The sequence shown below is from the reference sequence of NM\_005652. The complete sequence of this clone may contain minor differences, such as SNPs.  
 Blue=Stop Codon Red=Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
CGGACCATGAAAAGACTTGGCATGAACTGAAACAGGCTTTTCATTTCCACAGAATTCACAGGAGCATGGT
TCCTAATAATAGCCCTGATAGTCTGCTCTTTCTTTCTTTTTTTTTTTTTTTTTTTTTTTGAGACAGAGT
CTCGCTCTGTACCCAGGCTGGAGTGCAGTGGCGTGATCTCGGCTCACTGCGACCTCCGTCTCCCGGGC
TCACGCCATTCTCCTGCCTCAGCCTCCCGAGTAGCTGGGACTACAGGCGCCGCCATCACGCCCGGCTA
ATGTTTTGTATTTTAGTAGAGACGGGTTTACCCTGTTAGCCAGGATGGTCTCGATCTCCTGACCTC
GTGATCCACCAACTCGGCTCCCAAAGTCTGGGATTACAGGCATGAGCCACCGCGCTGGCATCTGC
TGTTTCTTTCAGAAGCTGGGCTGGGATGAGAATTTGGGCAACCTCCTTCGACGTGGGGAGGTCCCAT
TTCCACTTCATCACTGTTGGAGATCATGGAGCTAAGAAGCAGAGCCAAGTCCACCCATGTCCTTGGCAG
AGATGACAGGCACACAGCTTGTGCAAGTCCAGAATATCATTAGCGTTTCCCTTCTTAGTGGTTGCTT
AAATTTAAATCCCTGGTAATCTGTAGAACCTTCTCCTAGGAAATGGTGAAGTCTATTAGGAGCCACTTG
TGACTCCATGACCTGTTAAAACCAAGCAATGTGAGTATTATTTGGAGTAAATTTGTTCCACGTCAAGTTC
TGGCCTTCTGATGCAAATGCAAAGGAACCTAGTCTGTTATGAACCCAGGTTGATGACAGACCAGTCTT
GTGGAATAAGATTCCCTTTAAAACCTTTAGCCAGTCGTGACATCAACCCTAGACCTGTCTGCCTTGG
CATTTGCTGTCAACATCTGCTGGGCTATGTAGGCAGGTTAATCCTCCACTTCTCATGTGGTTGAACCAG
TGTGTTTTTGGTAAAATGGTGATTGTAGATAAGATTAGTCCCTGATCCCCTGCCCTGTCCCCTGC
CTCTTTCCCAATCCCTTCCTTATGCTGGACTTTTAAAGCTTAAAAAATCCGATTGAATATAAATG
CCTAATTTCAATCTTTGTGAAATGGTTGCTTCTCCTGATTCCCTAATTGTGCTGTGTTGCTGTCTGC
ACTGGAATTCAACATTCCCTTCTCCTTTTGTACTGTGTTGTGCTTGTCTCTCCCGGACACCCTTAA
AGACTGTCTTTTTAGCAAAAAATTCAGTAAAGTGTCTTCTGTAATCTTTTTTAAAAGGTGAGAACTA
ATTATTGCCATACTTGTAGCATTCTTCATTAAGTCTTGCTTCTCTCAA
ACGCGTAAGCGGCCGCGGCATCTAGATTCGAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCCTTCTATGAAAGG
  
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**Restriction Sites:** SgfI-MluI

**OTI Disclaimer:** Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences, e.g., single nucleotide polymorphisms (SNPs).

**Components:** The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.

**RefSeq:** [NM\\_005652.5](#)

**Summary:** This gene encodes a telomere specific protein, TERF2, which is a component of the telomere nucleoprotein complex. This protein is present at telomeres in metaphase of the cell cycle, is a second negative regulator of telomere length and plays a key role in the protective activity of telomeres. While having similar telomere binding activity and domain organization, TERF2 differs from TERF1 in that its N terminus is basic rather than acidic. [provided by RefSeq, Jul 2008]

**Locus ID:** 7014

MW:

51