

## Product datasheet for **SC211584**

### TDRKH (NM\_001083963) Human 3' UTR Clone

#### Product data:

**Product Type:** 3' UTR Clones  
**Product Name:** TDRKH (NM\_001083963) Human 3' UTR Clone  
**Vector:** pMirTarget (PS100062)  
**Symbol:** TDRKH  
**Synonyms:** TDRD2  
**ACCN:** NM\_001083963  
**Insert Size:** 1016 bp  
**Insert Sequence:** >SC211584 3'UTR clone of NM\_001083963  
The sequence shown below is from the reference sequence of NM\_001083963. The complete sequence of this clone may contain minor differences, such as SNPs.  
**Blue**=Stop Codon **Red**=Cloning site

```
GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
GATAACCTTGAAGATGACTACTACTCTGAGTCTGGGCTTCAGTTTGCTCAGCCATCTGCTTTGCTGT
GTGAGTGCAGCTATCATCTATCTGTAGCAACAGGAAAGTAATGAGGGCGACAGTGGGGCACTTGCTTTG
ATTCCCTCTTTCCATGCCCTGTCTTAATACTTCTCTGCAGCTGCTTTCCTGCAGCTTAACTTGCTC
TCAGATTGAGCACTTTCAAGCTTTTGTGTATTTCTGTCTTTGGCAGGATTTGGCATAGGAATTGGTGC
ATGGAGGAGAGGAGTGTATGATAAAGGATCCATGCAGTCTTCTTTTATTACACATATAGTCTGGCTTG
CTGTGGACCAAATTAATATTCTCCTCCCATCAGACTACAAAAAATTGGACTACCACGCTACAAGTGTG
TCTCCCCATTCCACCTCCGGATCCCTCCCAACCCTCCAGTGTTTGAATACTGCTGTGTTACTTCCAG
GCCGTTCAACGTCAGGCTCAGTCCCTCTACCAGTCATGATTCACATTACTACTAGGCTGTATCCTTTT
TGAGGCTGGGAAACAGTCAGGCTTTTCGTCATTGGAAGTGATTCTGCAGACTTCTGACTCACCTTATCAG
GTGACTCTGGTTAAGGAAAGCTTTTGTGAGTGAAGTCAAGACTCCAGTTGAATCAGGAGGCAAAGGC
AAAAATTAGCATAATTATATTTAAAAGCCTCAGGAAGTGGGAAGAGAATACTGCCTCCAGCCTCAATT
GCTGATATGTTATTGGAGACAGGCTTTTAAAAGTCTCCAGCTATTTCTCTGTAACCTTTAGTTAAAT
ATAAGTAGAAAGGAGACAGGAGGCTCAGGAAATTTTCTAAATTGCTAGTATAATATCTATATGTATACA
CACATATACCCCGTGGAGAGAGAGGAAGATACAGTCCTGTTTGAATCATTGGAGGATTTTTTTG
CTGAATAAAGTTCTCAAGAAAATTTTCTAAAACCAAAAAAAAAAAAAAAAAA
ACGCGTAAGCGGCCGCGGCATCTAGATTCAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
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**Restriction Sites:** SgfI-MluI



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|------------------------|---|
| <b>OTI Disclaimer:</b> | 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).  |
| <b>Components:</b>     | 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.  |
| <b>RefSeq:</b>         | <a href="#">NM_001083963.1</a>  |
| <b>Summary:</b>        | Participates in the primary piRNA biogenesis pathway and is required during spermatogenesis to repress transposable elements and prevent their mobilization, which is essential for the germline integrity. The piRNA metabolic process mediates the repression of transposable elements during meiosis by forming complexes composed of piRNAs and Piwi proteins and govern the methylation and subsequent repression of transposons. Required for the final steps of primary piRNA biogenesis by participating in the processing of 31-37 nt intermediates into mature piRNAs. May act in pi-bodies and piP-bodies by transferring piRNA precursors or intermediates to or between these granules.[UniProtKB/Swiss-Prot Function] |
| <b>Locus ID:</b>       | 11022   |
| <b>MW:</b>             | 38.4  |