

Product datasheet for **SC206424**

TDRKH (NM_006862) Human 3' UTR Clone

Product data:

Product Type: 3' UTR Clones
Product Name: TDRKH (NM_006862) Human 3' UTR Clone
Vector: pMirTarget (PS100062)
Symbol: TDRKH
Synonyms: TDRD2
ACCN: NM_006862
Insert Size: 488 bp
Insert Sequence: >SC206424 3'UTR clone of NM_006862

The sequence shown below is from the reference sequence of NM_006862. 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
GATAACCTTGAAGATGACTACTTACTCTGAAGTCTGGGCTTCAGTTTGCTCAGCCATCTGCTTTGCTGT
ATGTTGCCTGCAATGAAGTGAAGCATGCTCAGCCCTGGAAGTGGTGTACCAGAGTCCGTAGGG
AACCTTTACTCTTTAGAGGTTCCCTGATATAAATCATTATAAGACTTCTACCCTGGAAAATGAGTAA
TGTCTCATTCTTACCTGCAGTTTGTACTATGTATAAAAGTCTTTTTCTTAATATGCCTTTAAGTCTT
ACCTGTTTACAGCCATTCTGATGGGTTCTTTGTCATTCTGTTAGTATAACCCAGTACTTTTCTGCTG
CCTGGAATGCCCTCTTCTATGTTACCTATTCTGTCGTTGAGATCCCCAACTTGGGCCAAAGCCAAGA
GATCTATGTGCCTTCTCTGTTTCTCCACATCTATAGCACCTCAACTGAAATATATGGATAAAAACAG
CCTAA
ACGCGTAAGCGGCCGCGCATCTAGATTGGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
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_006862.4](#)



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Summary: 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]

Locus ID: 11022

MW: 18.3