

## Product datasheet for **SC203675**

### TDRD3 (NM\_001146070) Human 3' UTR Clone

#### Product data:

Product Type:	3' UTR Clones
Product Name:	TDRD3 (NM_001146070) Human 3' UTR Clone
Symbol:	TDRD3
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_001146070
Insert Size:	295 bp
Insert Sequence:	>SC203675 3'UTR clone of NM_001146070 The sequence shown below is from the reference sequence of NM_001146070. The complete sequence of this clone may contain minor differences, such as SNPs. <b>Blue</b> =Stop Codon <b>Red</b> =Cloning site  GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG TAACAATTGGCAGAGCTCAGAATTCAA <b>GCGATCGCC</b> TTTTACCAACCACCCGGGCTCGGAAC <b>TA</b> ATAGGAAAAGACTCTTTGTGAAGAAACGAGCCAGTGACTG AAACACCCTGGTGGAAACCTGTTGACAGACCTTCCACTTCTCTTCAGAATAAGTAGCTGTGGTGGATA TTATTATTTGAAGAAAGAAAAACAGATTTTAGGGTGGAAAAACAGTCAACTCACACAAAGAATGGAA AAAAACTGAGTTAAATTAAGCAAATACCTTTTACAAGTGAAAGGAAGAATTTTCTTCTGCCGTCAA TAAAACCATTGTGCTATTA <b>ACGCGT</b> AAGCGGCCGCGCATCTAGATTGAAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
Restriction Sites:	Sgfl-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:	<u><a href="#">NM_001146070.2</a></u>



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**Summary:** Scaffolding protein that specifically recognizes and binds dimethylarginine-containing proteins. In nucleus, acts as a coactivator: recognizes and binds asymmetric dimethylation on the core histone tails associated with transcriptional activation (H3R17me2a and H4R3me2a) and recruits proteins at these arginine-methylated loci. In cytoplasm, may play a role in the assembly and/or disassembly of mRNA stress granules and in the regulation of translation of target mRNAs by binding Arg/Gly-rich motifs (GAR) in dimethylarginine-containing proteins. [UniProtKB/Swiss-Prot Function]

**Locus ID:** 81550

**MW:** 11.7