

Product datasheet for **SC329379**

TDRD6 (NM_001168359) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	TDRD6 (NM_001168359) Human Untagged Clone
Tag:	Tag Free
Symbol:	TDRD6
Synonyms:	bA446F17.4; CT41.2; NY-CO-45; SPATA36; TDR2
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>NCBI ORF sequence for NM_001168359, the custom clone sequence may differ by one or more nucleotides

```

ATGTGCTCGACGCCCGGAATGCCGGCGCCGGGGCCTCGCTGGCCCTGCGGGTGTCTTC
GTGGACGTGCATCCCGATGTGATCCCGGTGCAGCTGTGGGGGCTGGTGGGCGAGCGCGG
GGCGAGTACCTGCGGCTGAGCCGGGAAATCCAGGAAGCGCGGCCACGCGCGCCAGTGG
GCGCTGGGCGAGCGCTCGGCCTCGCCCGCGAGCTGTGCTGGTGCAGGTGCGGGCTTTTG
TGGCACCGCTGCCGCTGGTCAGCCGGCAGGCACAGGAGAGCCGTGTCTTCTGCTGGAC
GAGGGCCGCACCATCACGGCCGGAGCAGGCTCGCTGGCGCCTGGGCGCAGAGAGTTCTTC
AATTTGCCCTCGGAAGTGTGGGCTGCTGCTAGCGGGCCTGGTGCCGGCAGGCTGCGGC
GCGGGCTCAGGCGAGCCGCCGAGCACTGGCCCGCGACGCCGTGGACTTCCTTAGCAAC
CTTCAGGGCAAGGAGGTGCACGGGTGCGTCTTGACGTGCTGCTGCCATCGCCTGGTC
CTCCTGGAGGTGCCTGATGTGTTCCAACAGATGCGGGAGCTGGGCTGGCTCGGCGGGTG
CCCGACAGCCTCTTCCGTTCTGCTGCTGGAGCGCTATCTCACAGCGGCCACTGCTAGCGTG
GGCTCCGGGGTCCCGTTCTCTCGCGAGTCCCGCTCAAGCAAAAGCAGCCTGGTCTGGAT
TACTTCTATCCCCAGCTGCAGCTGGGCGTGACGGAGGCCGTGGTCATAACCCAAGTGTGC
CATCCCCACCGCATTCCTGCGAGCTCCGCGAGCTCTCGCAGGAGATCCACCGCCTCTCC
GAGAGCATGGCCAGGTATACCGGGTTCCACGGGGACAGGGGATGAGAACTCTACCACT
GCCACCTGGGAGGAGAGGGAGAGGCCAGATAAGCCGGGCTCTCCGTGTGCATCCTGT
GGCCTGGATGGACATTGGTACAGAGCACTGTTGCTTGAGACTTTTCGGCCCCAGCGCTGT
GCCCAGGTGCTTCATGTGACTATGGAAGGAAGGAGTTAGTGAGTTGCAGCAGCCTTCGG
TACTTGCTGCCTGAATATTTTCAATGCCGGTGGTGACCTACCCTTGCTTTGTATGGA
CTCTGGGACGGTGGGAGAGGCTGGTCTCGGTACAGGTCGGTGACCTGAAGACACTGATA
CTAGGCAAGGCAGTGAATGCAAAGATTGAATTTTATTGCTCCTTTGAGCATGTGTATTAT
GTCAGCCTGTATGGAGAAGATGGGATTAATCTGAACCGTGTGTTTGGAGTACAGTCGTGT
TGCTTGGCTGACCGAGTCCTTCAGAGCCAGGCAACAGAGGAGGAGGAACAGAAACATCT
CAGTCTCAGTCTCCTGCTGAAGAAGTAGATGAAGAGATTTCACTCCAGCCTTAAGATCT
ATCAGGTTAAAGATGAATGCCTTCTACGATGCGCAGGTAGAGTTGTAAAAATCCTTCT
  
```



[View online »](#)

GAGTTTTGGATTAGGTTGAGGAAACACAATGTCACCTTCAGTAAGCTGATGAGGAGAATG
 TGTGGTTTCTATTCCTCTGCCAGTAAGCTGGATGGTGTAGTTTTGAAACCTGAACCTGAT
 GACCTTTGCTGTGTCAAGTGGAAGAAAATGGTTATTATAGGGCCATAGTCACCAAATTG
 GATGACAAGAGTGTGGATGTATTCTTAGTTGACCGAGGCAATTCGGAAGTGTGGACTGG
 TATGACGTAAGGATGCTGCTTCTCAGTTTAGGCAGCTACCAATATTGGCTGTGAAGTGC
 ACCCTGGCTGATATTTGGCCTTTGGGAAAACTTGGAGCCAGGAGGCAGTTTCCTTTTTT
 AAAAGACTGTGCTCCACAAAGAAATTAGTCATCCATATTCTTGATAAACAGGATCATCAA
 TATGTTATTGAGATTCTTGACGAATCAAGAACAGGGGAAGAAAACATTAGTAAGGTAATT
 GCCCAAGCTGGATATGCCAAGTATCAGGAATTTGAAACAAAGGAAAATATCCTGGTAAAT
 GCCCACTCCCCAGGGCATGTTTCAAACCACTTTACTACGGAGAGTAACAAAATACCTTTT
 GCCAAGACTGGAGAAGGAGAGCAGAAAGCCAAGAGAGAGAATAAAACCACATCTGTTTCA
 AAAGCTTTGAGTGACACAACAGTTGTAACAAATGGTTCAACTGAACTAGTTGTGCAGGAA
 AAAGTGAAAAGAGCATCTGTTTATTTTCTCTTATGCAGAATTGCTTGGAATTAAGCCA
 GGCTCCTCTAGTAAAGGAGAGCTGGAAGTTGGAAGTACAGTAGAAGTCAGAGTGTCTTAT
 GTTGAAAACCTGGCTATTTCTGGTGTGAGCTGACCAGGAACATACAAGGACTTAAACT
 CTAATGTCTGATATTCAGTACTATTGCAAAAATACAGCTGCTCCTCACCAGAGAAACACC
 CTTGCTTGTGGCTAAGCGAACAGTAAACAGACAGTGGTCCAGAGCACTTATTAGTGGG
 ATACAGCTGTGGAGCATGTCAATGTAACATTTGTAGATTATGGAGACAGAGAAATGGTA
 TCTGTGAAGAATATTTATTCAATTAGTGAAGAATTTCTGAAGGTTAAGGCACAGGCTTTT
 AGGTGCAGTCTTTATAATTTAATTCAACCAGTTGGCCAGAATCCCTTTGTTTGGGATGTA
 AAGGCAATACAAGCTTTCAATGAATTTATAGATAATGCATGGCAAAAAATCTAGAATTA
 AAATGTACAATATTTGCTCTGGCTTCAATTAATGAAGAACTGTTAACATTGTGGATTTG
 CTAACCCCTTTTCAAGTGCATGCCATTTCTTGGTAGAAAAGAGACTTGCAAGACCAGTA
 AAACCTTCAGAAAGCCTTTGGAGTCTCTGTTTCAAGTACATTCCTACTTCTATTCTACACAT
 GATATGAAAATTGGAAGTGAAGAATTAGTTTATATAACGCATATTGATGACCTTGGACA
 TTTTATTGCCAGCTGGCAAGAAATGCAAAATTTTAGAACAGTTGTCATGTAGTATTACA
 CAATTAAGTAAAGTTTGTGAATTTAAAAACATCTCCCTTGAACCTGGAACCTTGTGC
 CTTGCCAAGTATACTGATGGAACTGGTATAGGGGCATAGTAATAGAGAAAGAGCCAAAG
 AAAGTCTTCTTTGTTGATTTTGGGAATATTTATGTAGTAACAAGTGATGATCTGCTTCCA
 ATACCTAGTGATGCATATGATGTCTTACTTTTGGCCATGCAAGCTGTCAGATGTTTATTA
 TCTGATATTCCTGATCATATACCAGAAGAGTGGTGGTGTGGTTTCAGGAGACTATTTTA
 GATAAGTCATTGAAGGCTTTAGTTGTAGCAAAAGATCCAGATGGAACACTGATTATAGAA
 CTATATGGTGACAATATTCAAATTAGTGCTAGTATTAATAAGAAGTTGGGGCTACTTAGT
 TACAAAGATAGAATAAGAAAAAAGAAAGTGAAGTCTCTGTTCTACAACTGAACTCTT
 GAAGAAAAAATGAGAATATGAAGTTGCCATGTACAGAGTATTTAAGTAAATCAGTAGGG
 TACAAGTTACCTAATAAGAAATTTTGGAGAGTCATATAAACCTCAGATCAACTCATCA
 TACAAGGAACTCAAACCTTTTACAAAGTTTAACAAAAACAACTTAGTCACTCAATATCAA
 GACTCTGTGGGAAATAAAATAGTCAAGTGTTCATTAAACACAGAAAAGAAAGAA
 ATTTCTGCTGAGACACCCTTGAAAACAGCAAGAGTAGAAGCTACTCTTTCAGAGAGAAAA
 ATAGGAGATTCATGTGACAAAGATTTGCCTCTGAAATTTTGTGAGTTCCACAGAAAGACT
 ATAATGCCTGGATTTAAACAACTGTATATGTTTCTCATATAAATGACCTTTCAGACTTT
 TATGTTCAACTAATAGAAGATGAAGCTGAAATTAGTCATCTTTCAGAGAGATTAAACAGT
 GTTAAACAAAGGCCCGAATATTATGTAGGTCCACCTTTGCAAAGAGGAGATATGATATGT
 GCTGTTTTCCAGAAGATAATTTATGGTATCGTGTGTGATCAAGGAGCAACAACCCAT
 GACCTTCTCTGTGCAGTTTATAGATTATGGCAATGTTTCTGTGGTTCATACTAACAAA
 ATAGGTAGGCTTGACCTTGTTAATGCAATATTGCCGGGTTGTGCATTATTGCTCCTTG
 CAGGGATTTGAGGTTCTGACAATAAAATTTCTAAGAAAATGATGCATTACTTTTCCCAA
 CGGACCAGCGAGGCTGCAATAAGATGTGAATTTGTTAAATTTCAAGACAGATGGGAAGTT
 ATCTTGTCTGATGAACATGGGATCATAGCAGATGATATGATTAGCAGGTATGCTCTCAGT
 GAAAAATCTCAAGTAGAACTTTTACCCCAAGTAATTAAGTGGCAGTTCAAAGTCTGTT
 AACAAATCAGACATTGACACTTCAGTATTTCTTAAGTGGTATAATCCAGAAAAAAATG
 ATAAGAGCTTATGCCACTGTGATAGATGGACCTGAGTACTTTTGGTGTGAGTTGCTGAT

ACGGAGAACTTCAGTGTTTAGAAAGTAGAAGTACAGACTGCTGGAGAACAGGTAGCAGAC
 AGGAGAAATTGTATCCCATGTCCTTATATTGGAGATCCTTGTATAGTAAGATACAGAGAA
 GATGGACATTATTATAGGGCACTTATCACTAATATTTGTGAAGATTATCTTGTATCTGTC
 AGGCTTGTGGACTTTGGAACATTGAAGACTGTGTGGACCCAAAAGCACTCTGGGCCATT
 CCTTCTGAACCTTGTGCGTTCCCATGCAAGCCTTCCATGTTGCCTCTCAGGGTTTAAAC
 ATTTCAGAAGGATTATGTTCTCAAGAGGGAAATGACTATTTCTATGAAATAATAACAGAA
 GATGTGTTGGAATAACAATACTAGAAATCAGAAGGGATGTTTGTGATATCCCTTTAGCA
 ATTGTTGACTTGAAAAGCAAAGGTAAAAGTATTAAATGAGAAAATGGAGAAATATTCTAAG
 ACTGGTATTAAGTGTCTTCCCTATGAAAATATTGACTCAGAGATAAAGCAGACTCTT
 GGGTCTACAATCTTGATGTAGGACTTAAGAAATTAAGTAATAAAGCTGTACAAAATAAA
 ATATATATGGAACAACAGACAGATGAGCTTGCTGAAATAACTGAAAAAGATGTAAACATT
 ATTGGAACCAACCAAGTAACCTCCGTGACCCTAAACTGATAACATTTGTGAAGGGTTT
 GAAAAACCCCTGCAAGATAAAATTGATACTGAGGAAGTGAAGGTGAATTAGAGTGCCAT
 CTGGTTGACAAAGCAGAGTTTGATGATAAATACCTGATTACAGGATTTAACACATTACTA
 CCACATGCTAATGAAACAAAGGAGATACTAGAACTGAATTCACCTGAGGTGCCGTTTCT
 CCTGATGATGAATCAAAAGAATTCTTAGAACTGGAATCTATTGAGTTACAGAATCTCTG
 GTGGTGGATGAAGAAAAAGGGGAGCTAAGCCCGGTGCCACCGAATGTGCCACTCTCCAA
 GAGTGTGTACAAAAGGCGCCATGGAGCTATTTACACTGCAGCTTCTCTCAGCTGTGAA
 GCTGAGAAACAGCCAGAACTAGAACTACCTACAGCCAGCTGCCTTTAGATGACAAGATG
 GATCCTTTGTCTTTAGGAGTTAGTCAGAAAGCAGAGGAATCCATGTGTACTGAGGACATG
 AGAAAGTCAAGTTGTGTAGAATCTTTTGTGATGACCAGCGCAGGATGTCATTGCATCTACAT
 GGAGCAGATTGTGATCCTAAAACACAGAATGAAATGAATATATGTGAAGAAGAATTTGTA
 GAGTATAAAAACAGGGATGCCATTTCCGCAATTGATGCCTTTGTTCTCTGAGGAAGAAAGC
 AGTGATGGAAGCAAGCACAAATAATGGTTTACCAGATCATATCTCAGCTCAACTACAGAAC
 ACCTACACTCTGAAAGCCTTTACTGTTGGATCTAAATGTGTTGTGTTGTTCAAGTCTAAGA
 AACACATGGTCTAAATGTGAGATTTAGAAACAGCTGAAGAAGGAACAAGGAAAAGGGGT
 TTGGAGGTGATGGAGATTTAA

Restriction Sites:	Please inquire
ACCN:	NM_001168359
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).
OTI Annotation:	This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.
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_001168359.1, NP_001161831.1

RefSeq Size: 8887 bp

RefSeq ORF: 6201 bp

Locus ID: 221400

UniProt ID: O60522

Cytogenetics: 6p12.3

Gene Summary: This gene encodes a tudor domain-containing protein and component of the chromatoid body, a type of ribonucleoprotein granule present in male germ cells. Studies in rodents have demonstrated a role for the encoded protein in spermiogenesis and the nonsense mediated decay (NMD) pathway. This protein is a major autoantigen in human patients with autoimmune polyendocrine syndrome type 1 (APS1). [provided by RefSeq, Oct 2016]
 Transcript Variant: This variant (2) lacks an alternate in-frame exon compared to variant 1. The resulting isoform (2) has the same N- and C-termini but is shorter compared to isoform 1.
 Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.