

Product datasheet for MC225190

Tdrd6 (NM_198418) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Tdrd6 (NM_198418) Mouse Untagged Clone
Tag: Tag Free
Symbol: Tdrd6
Synonyms: AB097085; Tdr2
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC225190 representing NM_198418
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCCGCATCGCC

ATGAGTTCGACTCCGGGGCTGCCACTCCCGGGGCTCGCTGGCCCTGCGGGTGTCTTCGTGGACGTGC
 ATCCCGAGGTGATCCAGTGCAGCTGTGGGACTGGTGGGTGAGCGCGGGAGGAGTACGTGCGGCTGAG
 CCGGGAGATCCAGGAGGCAGCAGCCACGCGGGTCCCTGGGCGTGGGTGGGGCTCGGCATCGCCGGGA
 GAGCTGTGCCTGGTGCAGGTGGGGCTCATGTGGCACCGCTGCCGCGTGGTCAGCCGCCAGGGCAAGACA
 GCCGCGTCTTCTGCTGGATGAGGGCCGACCATCACGGCGGGCGGGGCTCGCTGGCGCCAGGGCGTAG
 CGAGTCTTCCACCTGCCCTCCGAGGTGCTGGGCTGTGTGCTAGCAGGGCTGGTGCCTCGGGCGGGTGGT
 GGCCTGGCGGTGGCAACCCAGCAATGGTCCCCAGGGCTGTGGATTTCCTTAGCAACCTGCAGGGCA
 AGGAGGTGCACGGACGGTCTGGATGTGTTGCTCCTCCATCGCCTGGTGTGCTGGAGGTGCCAGTTGT
 GTCTCAGCAGATGGAGGAGCTGGGTCTGGCCCGCAAGTCCGGGACAGCCTTCTGTTCGCTGCTCAA
 CGCTACCTGACTGCGGCAGGGCAGGGCAGCTCCGAGCTCCAGTTCTCCGCGAGCCGCGCCAAACAAG
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 AGTATGCCATCCCAACCAATCACTGTCAACTGCGGAGCCTCTCGCAGGAGATCCACCGTCTCTGAG
 AGCATGGCCAGGTATACCGGGCCTGTGGGACAGATGATGAGGACTCTGGCAGTGCCACCTGGGAGG
 AGAGGGAGGAGGCCCTGACAAACCGGGATCTCCATGTGCTTCTGTGGCTTGGACGGACAGTGGTACCG
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 GAACTAGTAAGCTGCAGCAGCCTCCGCTATCTGCTGCCGAGTATTTTCGAATGCCTGTGGTGACCTACC
 CTTGTGCGTTGTACGGACTCTGGACTGCGGGAGAGGCTGGTCCCGTCCCAAGTAGGTGATCTGAAAGC
 TCTGATCCTGGCCAGGCAGTGAATGCGAAGATTGAATTTACTGTTCTTTGAGCATATGTATTATGTC
 ACCCTGTATGGGAAGATGGGATTAATCTCAACAGTGCATTCGGAGTACAATCCTGTTGCTGGCTGACT
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 GTCTCAGTCCCCGCTGAGGAAATGGAGGCGGAAGTTCCCTCCCTCCTTGAGATCCATCAGGCTGAAG
 ATGAACACCTTCTATGACGCCAGGTGGAGTTCGTGAAGAGCCCTTCGGAGTTCGGATTTCGCTTAGAA



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AGCACAAGAACACCTTCAGCAAGCTGACGAAGAGAATGTGCAGTTTCTATTCTTCTGCCAGTAAGCTGGA
TGGGGTTATTTTGGAGACCAGAACCAGGATGACCTTTGCTGTGTAATAATGGAAGAAAATGGCTATTACCGA
GCCACGGTCACCCGATTAGACAGCAAGAGTGTGGATGTGTTTCTGGTGGACCGGGCAACTCTGAGAATG
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CCTGGCTGACATCTGGCCTCTGGGAAAACCTGGAGCCAGGAAGCCACCTCATTTTTTAAAAAGACGGTA
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TGA AACCAAAGAAAACATCAGACTCAGTGCCATTCCCCTGGGCATGTTTCTGGTCATTTTATGGCGGAG
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AACGTCGGACCCATCTCTCCTCATGCTGAACCTTTGAAAACCAAACCAGACTGCTGTGGTAAAGGGGAA
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CAGAACCAGGAGAAAAGAGAAAGAGAATGAAATAATACTCTACGAGACCAAAGCTTGAAGATAAAAAAG
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ACACAGGTCCGCAGTGGCAGAGCGGAGATGTGATGTGCCGTTTTCCAGAGGATAACTTATGGTACCG
AGCGCTTGTGATGGAACAGCAGCCCAATGGCCTTCTCTGTCCAGTTTATCGATTATGGCAACATGTCT
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GCTCCCTATGGGGCTTTCGGTACTGTGTGTAAGGAAAATGGTAAGCTACTTTTCCAGAGGACAGACGA
GGCTCAGATAAGATGTGAATTTGTTAAATTCGAAGCACCTGGGAAGTATCCTCGCAGATGAGCACGGA
GTCATAGCTGAAGATATGATTAGCAGGTTTCCATGCAATGGAACTCTCAAGCAGGGCTTACCACCCAGA
CCATGAAAGGGGACTGTTTGAAGATAGTAACAAACCAACGCTGATACCTCAGTGTCTTAACTGGTA
TAACCCCAAAGCAAACTGATAAAAGCCTACGCTACCGTATAGACGGGCTGAGTACTTTTGGTGTGAG
TTTGCCGATTCCGAGAAGCTGCAGTATCTGAAACGGAGGTTCAAAGTGTGGCAAGCAGCTCTCTGACA
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CTACAGAGCCCTCATCACTAACATCTGTGATGGTGTGAGCTTGCCTCGGTCAGGCTTGTGGACTTTGGAA
GCGGAGGACTGTGTGGAGCCAAGGAGCTTTGGAGCATCCCTTCTGAGCTTCTGCTGGTCCCATGCAAG
CATTTCCATGCTGCCTCGCTGGATTCTCAGTCTCTGGCGGTGTGTGCCCTCAAGAAGGGAATGATTATTT
TTATGACATAGTCACAGAGGACGTGTTGGACATAACGATCTTGGAGATTAAGAGAGACGTTTGAACATC
CCCTTAGCCATCGTGGAGCTAAGGAGCAAAGGCGAGAACATTAACGAGAAGATGAAGAAGTATGCTAAGA
CGGGCGTGCCCAAGAATGACCTGTCTCTGAGAAGCGTGGCCAGAGAGAAAAGGGAAGCCTGCCAGTCC

TGACCTTGGCCTCAAGAAGCCAAGTCATAAAATAGCACAAAGATAAGACATTCTACGGGAAGCCCGGCA
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 GCACCCGTAGCATCTTCAACGCTTTGAGAAGTAAAGGTAAGGTTCTGAGAGGCTAGAAGG
 TAGCATGGATTACCACTTCGTGGACAGAGCAAGTTTATAAATACTACCTTATCACGGGATTTAACCCG
 ATATTGGCCATGCTAGTGAGCCAAAGGAGTTACTGGAAGTACTGAGTTACTAGAGTACCCTCTGCTG
 ACAATGACGATGAATGCAAAGAATTCTTAGAAGTGAATCCATTGAGTTACAGCACTCCCCTGTTGGGA
 GGAAGAGAAAGAGGAGCTAGGCCTGGGTCTCCAATGGCACCCGTGTCTCCAGGCTGCCAGGAGGAGCC
 ACCCTGGAGTCATTCATGATGCAACTTCCCTGGACTGTGAGGCTGAGAAGCAGCTGGAAGTGAAGCTGC
 CCACACCCAGCTGTCTTTGGAGGACAGCATAAGCCCTTTATCTGCAGCTGTGAGCCAGGACATCCAGGA
 ATCCAGGTATTCGGAGGATGAGAGAAAGGCCGGCTACATGGGCTCTTCTGATGATGACCACAGCAGGTCT
 CCCCTCTCCAACACGGGAAGGGTGGCAATTCACCGGCACACGGTGAAGGAACCTGTCTGAAGAGGAGT
 TTCCGCAGTTTGAAGTAGAGACAGCGCCCTTATTGGCACCTTGTCTCTGAGGAAGAAGCCAGAGA
 AGGAAGGAAGTGCGGGAGCATGGTACCAGCTCAGCTACAGAGCACCTACTCTGAAAGGCTTCTGTGTC
 GGATCGAAATGCGTGTGTGGTGCAGCCTAAGAAACACATGGTCTAAGTGTGAGATTCTCGAACTAGCCG
 AAGAAGGAACAAGGGTTTGAACCTTTCAAATGGTGTGGAGGAGACAGTAAGCCCGAGAATGTCTGGAA
 TGGGATCCCAAGGTAGATAAGAGACCTTCTGAGGCTGTATTCCAACAGTGGGAAAGGACCTTCCCTTC
 ATGCCATCGGATGACGCCACCACAAAGGTTTTCTTCTGTTTCAGAGGAGGAGCGTGTGGAGGTGATG
 CAGATTCTCTGAGCACGGCCAAGCTGAACATAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:

Sgfl-Mlul

ACCN:

NM_198418

Insert Size:

6405 bp

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).

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_198418.2, NP_940810.2

RefSeq Size:

7059 bp

RefSeq ORF:

6405 bp

Locus ID:

210510

UniProt ID:

P61407

Cytogenetics:

17 B3

Gene Summary:

Involved in spermiogenesis, chromatoid body formation and for proper precursor and mature miRNA expression.[UniProtKB/Swiss-Prot Function]

Transcript Variant: This variant (2) uses an alternate in-frame splice site compared to variant 1. This results in a shorter protein (isoform 2) 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.