

Product datasheet for MC225185

Tdrd6 (NM_001161367) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Tdrd6 (NM_001161367) 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: >MC225185 representing NM_001161367
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCCGCATCGCC

ATGAGTTCGACTCCGGGGCTGCCACTCCCGGGGCTCGCTGGCCCTGCGGGTGTCTTCGTGGACGTGC
 ATCCCAGGTGATCCCAGTGCAGCTGTGGGACTGGTGGGTGAGCGCGGGAGGAGTACGTGCGGCTGAG
 CCGGGAGATCCAGGAGGCAGCAGCCACGCGGGTCCCTGGGCGTGGGTGGGGCTCGGCATCGCCGGGA
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TGACCTTGGCCTCAAGAAGCCAAGTCATAAAATAGCACAAAGATAAGACATTCTACGGGAAGCCCGGCA
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 TAGCATGGATTACCACTTCGTGGACAGAGCAAGTTTGATAATAACTACCTTATCACGGGATTTAACCCG
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 GGAAGAGAAAGAGGAGCTAGGCCTGGGTCTCCAATGGCACCGCTGTCTCCAGGCTGCCAGGAGGAGCC
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 AGGAAGGAAGTGCGGGAGCATGGTACCAGCTCAGCTACAGAGCACCTACACTCTGAAAGGCTTCTGTG
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 AAGAAGGAACAAGGGTTTGAACCTTTCAAATGGTGTGGAGGAGACAGTAAAGCCCGAGAATGTCTGGAA
 TGGGATCCCAAGGTAGATAAGAGACCTTCTGAGGCTGTATTCCAACAGTGGGAAAGGACCTTCCCTTC
 ATGCCATCGGATGACGCCACCACAAAGAGGAGGAGGCGTGTGGAGGTGATGCAGATTCTCTGAGCACGG
 CCAAGCTGAACATAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTAA

- Restriction Sites:** Sgfl-Mlul
- ACCN:** NM_001161367
- Insert Size:** 6387 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_001161367.1](#), [NP_001154839.1](#)
- RefSeq Size:** 7041 bp
- RefSeq ORF:** 6387 bp
- Locus ID:** 210510
- 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 (3) uses an alternate in-frame splice site in the 3' coding region compared to variant 1. The encoded isoform (3) 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.