

Product datasheet for MR211611

Tdrd7 (NM_146142) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Tdrd7 (NM_146142) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Tdrd7
Synonyms:	5730495N10Rik; AI447470; PCTAIRE2BP
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>MR211611 representing NM_146142 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGCTGGAGGCAGATCTGGTTTCAAAGATGCTAAGGGCTGCTCCTGCAGTCTCATAAGAACGGGATCGTAT
TACCCCGTCTCCAAGGAGAGTACCGATCTTTGACTGGAGACTGGATCCCCTTCAAGCAGCTGGGCTACCC
TACTTTGGAAGCCTACCTGAGAAGCGTGCCAGCAGTTGTCAGGATAGAGGCTAGTAGATCTGGAGAGATC
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AAAGGAAAATAGGGCGACAAATTAATTGTCAGATGAGAGTGAAGAAAGCCATGCCGTTCTTTCTAGAAGG
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TTTCCAGACACACATCTCAAGGGCTGCCCTACGGAAGTCAATGATAATTTAAATCAGACTGTTGAGAAA
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TAGACAAGCATAACAATGGCATTGGATATCTAAGCTTCCACATTTTTACAAAGAGTTTTATAAAGAAGA
CCTTAACCAAGGAGTTTTACAGCAGTTTGAACACTGGCCTCACATTTGCACGGTGGAAAAACCTTGTGGT
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AGTAAGAACCCAGAGTCACACCGATCCAGACTGTGCACGTGGGGCAGCTGCTGGCAGTCAATGCAGAGG
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 CCTCCAGGCGGTACCCGCTCAACTGGCAGGCGTGAAGTGCAGCCAGTGGTGGAGGAGGCTTCGATGCT
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Protein Sequence:

>MR211611 representing NM_146142
 Red=Cloning site Green=Tags(s)

MLEADLVSKMLRAVLQSHKNGIVLPRQLQGEYRSLTGDWIPFKQLGYPTLEAYLRSVPAVVRIEASRSGEI
 VCYAVACTETARIAQLVARQRTSKRKIGRQINCMRVKKAMPFFLEGPKATLRQPGFASDYSISRKPN
 ALLRDRGSALGVKADVMPYPDPVQRHASMSANSRSPKSSLPASFQTHISRACPTVENDNLNQTVEK
 PNITPPASYTNKMDVQNRRIKILDKHNGIWI SKLPHFYKEFYKEDLNQGVLLQQFEHWPHTCTVEKPCG
 GGQDSL LYPARREQPLKSDQDPEKELPPPPAPKQEVPSQGSAPVMPDVKEKVAELLGKYSSGLWASALP
 KAFEDMYKVKFPEDALKNLASLSDVCTINYISGNTQKAILYAKLPLPTDKILKDEGQAQGFDFIKSMIEQ
 EYLQIEKNMAESADEFLEDITVPLVPIPEASPSVLVVELSNTNDVVIRYVGDYSAAQELMEDEMKEYF
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 QATKCKLAGLEVLNDDPDLVKAESLTCGKIFAVEILDKSDVPLVVL YDTSGEDDININATCLKAICDRS
 LQVHLQVDAMYTNVKTNICSDGTL YCQVPCKGLNKLNDLLHKTEDYFHCKHMTSEYFISL PFCGKICLF
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 VSTAASSPGNRNGGTPAPGSPAESLRKSHPEVIKSVLDHTSSFSLEELPPP VHLRSGEHMDVYVPVAC
 HPGHFVIQPWQEIHKLEVLMEEMILYYSVEERHIAVERDQVYAAKVENKWYRVLLKGILTNGLVSVYEL
 DYKGHEL VNIKRVQPLVDVFRKLPFQAVTAQLAGVKCSQWSEEASMVFRNHVEKKALVALVQTVVEHTNP
 WDRKVVLYLVDTSLPDPTDTHDFMSQYLLELSKVN

TRTRPLEQKLI SEEDLAANDILDYKDDDDKV

Chromatograms:

https://cdn.origene.com/chromatograms/mm9046_f03.zip

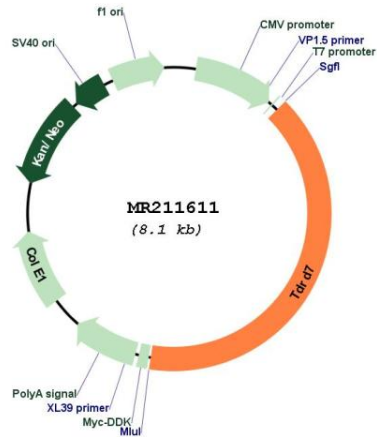
UniProt ID: [Q8K1H1](#)

Cytogenetics: 4 B1

MW: 122.6 kDa

Gene Summary: Component of specific cytoplasmic RNA granules involved in post-transcriptional regulation of specific genes: probably acts by binding to specific mRNAs and regulating their translation. Required for lens transparency during lens development, by regulating translation of genes such as CRYBB3 and HSPB1 in the developing lens. Also required during spermatogenesis. [UniProtKB/Swiss-Prot Function]

Product images:



Circular map for MR211611