

Product datasheet for **SC337784**

TDRD7 (NM_001302884) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	TDRD7 (NM_001302884) Human Untagged Clone
Tag:	Tag Free
Symbol:	TDRD7
Synonyms:	CATC4; PCTAIRE2BP; TRAP
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >NCBI ORF sequence for NM_001302884, the custom clone sequence may differ by one or more nucleotides

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ATGGCCTGCACAGAACTGCAAGAATTGCTCAGCTTGTGGCTCGTCAAAGGAGTTCTAAAAGGAAAACCG
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GCTCGGACTGTAGCATTAAAGTTACAAAAGTGGATGAAACCAGAGGGATCGCACATGTTTATTTATTTAC
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ACAGTCTTGAATGCTAACCTTGGGACCGGAAAGTAGTGGTCTACTTGTGACACATCGTTGCCAG
ACACCGATACCTGGATTCATGTTTTATGTCAGAGTATCTGATAGAGCTTCAAAGTAAATTA
    
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Restriction Sites: SgfI-MluI

ACCN:	NM_001302884
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:	<ol style="list-style-type: none">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:	<u>NM_001302884.1</u> , <u>NP_001289813.1</u>
RefSeq Size:	3572 bp
RefSeq ORF:	3075 bp
Locus ID:	23424
UniProt ID:	<u>Q8NHU6</u>
Cytogenetics:	9q22.33
Gene Summary:	<p>The protein encoded by this gene belongs to the Tudor family of proteins. This protein contains conserved Tudor domains and LOTUS domains. It is a component of RNA granules, which function in RNA processing. Mutations in this gene have been associated with cataract formation in mouse and human. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Nov 2014]</p> <p>Transcript Variant: This variant (2) differs in its 5' UTR, lacks a portion of the 5' coding region, and initiates translation at a downstream AUG compared to variant 1. The encoded isoform (2) has a shorter N-terminus compared to isoform 1.</p>