

Product datasheet for **SC333497**

TPD52L1 (NM_001292026) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	TPD52L1 (NM_001292026) Human Untagged Clone
Tag:	Tag Free
Symbol:	TPD52L1
Synonyms:	D53; TPD53
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC333497 representing NM_001292026. Blue=Insert sequence Red=Cloning site Green=Tag(s)

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GCTCGTTT TAGTGAACCGTCAGAATTTGT AATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCC CGCATCGCC
ATGCTCTCTGAGGAGGAAAAGGAAGAGTTAAAAGCAGAGTTAGTTCAGCTAGAAGACGAAATTACAACA
CTACGACAAGTTTTGTCAGCGAAAAGAAAGGCATCTAGTTGAGATAAAACAAAACTCGGCATGAACCTG
ATGAATGAATTA AACAGAACTTCAGCAAAAGCTGGCATGACATGCAGACTACCACTGCCTACAAGAAA
ACACATGAAACCCTGAGTCACGCAGGGCAAAGGCAACTGCAGCTTTCAGCAACGTTGGAACGGCCATC
AGCAAGAAGTTCGGAGACATGAGACGAAAGTAG
ACGCGTACGCGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC
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Restriction Sites:	Sgfl-Mlul
ACCN:	NM_001292026
Insert Size:	309 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).



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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_001292026.2](#)

RefSeq Size: 2300 bp

RefSeq ORF: 309 bp

Locus ID: 7164

Cytogenetics: 6q22.31

MW: 11.7 kDa

Gene Summary: This gene encodes a member of a family of proteins that contain coiled-coil domains and may form hetero- or homomers. The encoded protein is involved in cell proliferation and calcium signaling. It also interacts with the mitogen-activated protein kinase kinase kinase 5 (MAP3K5/ASK1) and positively regulates MAP3K5-induced apoptosis. Multiple alternatively spliced transcript variants have been observed. [provided by RefSeq, Jan 2016]
Transcript Variant: This variant (5) differs in the 5' UTR, lacks a portion of the 5' coding region, and lacks two exons in the 3' coding region compared to variant 1. It initiates translation at a downstream start codon. The resulting isoform (5) has a shorter N-terminus and a distinct C-terminus, and is shorter than isoform 1. Variants 5 and 8 encode the same isoform (5).