

Product datasheet for **SC320590**

TPD52L1 (NM_001003396) Human Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: TPD52L1 (NM_001003396) Human Untagged Clone
Tag: Tag Free
Symbol: TPD52L1
Synonyms: D53; TPD53
Mammalian Cell Selection: Neomycin
Vector: pCMV6-AC (PS100020)
E. coli Selection: Ampicillin (100 ug/mL)

Fully Sequenced ORF: >OriGene sequence for NM_001003396.1
 CAGGAGTGGGAGCGAGCGCGGGGCCAGCTGCGTTCTGAGCCTGGGCGCAGCTGCCATCT
 GCTCTGGGAAGCACCAGGGTGTCCCGCCGCCCTCAGCTCGAAGTCAGCCACCATGGAGG
 CGCAGGCACAAGTGTGGTGGAGACTGAACCGTTGCAAGGAACAGACGAAGATGCAGTAG
 CCAGTGCTGACTTCTCTAGCATGCTCTCTGAGGAGGAAAAGGAAGAGTTAAAAGCAGAGT
 TAGTTTCAGCTAGAAGACGAAATTAACAACACTACGACAAGTTTTGTGAGCGAAAAGAAAGGC
 ATCTAGTTGAGATAAAACAAAACTCGGCATGAACCTGATGAATGAATTAACAGAACT
 TCAGCAAAAGCTGGCATGACATGCAGACTACCACTGCCTACAAGAAAACACATGAAACCC
 TGAGTCACGCAGGGCAAAGGCAACTGCAGCTTTCAGCAACGTTGGAACGGCCATCAGCA
 AGAAGTTCGGAGACATGAGTTACTCCATTCGCCATTCCATAAGTATGCCTGCTATGAGAC
 GAAAGTAGGCGGTACGAACCCTAATGGAGGCAGTTTTGAGGAGGTCTCAGCTCCACGGC
 CCATGCCAGTGCCAGAGCTTGGCAGGAGGCTCCCGGCGACCAAGGAGGAGGAGCTGCA
 GTGCTAAGTCCAGCCAGCGTGCAGCTGCATCCAGAAACCGGCCACTACCCAGCCCATCTC
 TGCCCTGTGCTTATCCAGATAAGAAGACCAAAATCCCGCTGGGAAAAACCCAGGCCTTGAC
 ATTGTTATTCAAATGGCCCTCCAGAAAGTTAATGATTTCCATTTGATTTGTGTTGAT
 GATGGACCACTTGACCATCACATTTTCAGTATTCATAGATGACTGTCACATTTTAAATGT
 TTTCCAAACATGTAGCTATTGTTTGCTTTGATTTTTGCTTGGCCCTCCTTTATGATGTGCA
 TGTCTTGAAGGCTGAATGAACAGTCCCTTTCAGTTTCAGCAGATCAACAGGATGGAGCTC
 TTCATGACTGTCTCCAGCAATAGGATGATTTACTATAAATTTTCATCCAACACTTGTGAT
 CTCTCTCACCTACATCAATTATGTATGTTAATTTTCAGCAATTAAGAATTTGATTTAAT
 GACAAAAA

Restriction Sites: Please inquire
ACCN: NM_001003396



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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).
OTI Annotation:	This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.
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_001003396.1</u> , <u>NP_001003396.1</u>
RefSeq Size:	1327 bp
RefSeq ORF:	435 bp
Locus ID:	7164
UniProt ID:	<u>Q16890</u>
Cytogenetics:	6q22.31
Gene Summary:	<p>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]</p> <p>Transcript Variant: This variant (3) lacks an exon in the 3' coding region, which results in a frameshift, compared to variant 1. The resulting isoform (3) has a distinct and shorter C-terminus, as compared to isoform 1.</p>