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# Product datasheet for SC334329

## TPD52L1 (NM_001300994) Human Untagged Clone

### Product data:

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| **Product Type:** | Expression Plasmids |
| **Product Name:** | TPD52L1 (NM_001300994) 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:** | >NCBI ORF sequence for NM_001300994, the custom clone sequence may differ by one or more nucleotides |

ATGGAGGCGCAGGCACAAGGTTTGTTGGAGACTGAACCGTTGCAAGGAACAGACGAAGATGCAGTAGCCA
GTGCTGACTTCTCTAGCATGCTCTCTGAGGAGGAAAAGGAAGAGTTAAAAGCAGAGTTAGTTCAGCTAGA
AGACGAAATTACAACACTACGACAAGTTTTGTCAGCGAAAGAAAGGCATCTAGTTGAGATAAAACAAAAA
CTCGGCATGAACCTGATGAATGAATTAAAACAGAACTTCAGCAAAAGCTGGCATGACATGCAGACTACCA
CTGCCTACAAGAAAACACATGAAACCCTGAGTCACGCAGGGCAAAAGGCAACTGCAGCTTTCAGCAACGT
TGGAACGGCCATCAGCAAGAAGTTCGGAGACATGAGGAATTCTCCTACTTTCAAATCATTTGAGGAGAGG
GTTGAGACAACTGTCACAAGCCTCAAGACGAAAGTAGGCGGTACGAACCCTAATGGAGGCAGTTTTGAGG
AGGTCCTCAGCTCCACGGCCCATGCCAGTGCCCAGAGCTTGGCAGGAGGCTCCCGGCGGACCAAGGAGGA
GGAGCTGCAGTGCTAA

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| **Restriction Sites:** | SgfI-MluI |
| **ACCN:** | NM_001300994 |
| **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.<br>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.<br>3. Close the tube and incubate for 10 minutes at room temperature.<br>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.<br>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_001300994.2, NP_001287923.1 |
| **RefSeq Size:** | 2259 bp |
| **RefSeq ORF:** | 576 bp |
| **Locus ID:** | 7164 |
| **Cytogenetics:** | 6q22.31 |
| **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]<br>Transcript Variant: This variant (6) lacks an in-frame exon in the 3' coding region compared to variant 1. The resulting isoform (6) is shorter than isoform 1. |