

## Product datasheet for **SC334581**

### TPD52L2 (NM\_001243895) Human Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	TPD52L2 (NM_001243895) Human Untagged Clone
Tag:	Tag Free
Symbol:	TPD52L2
Synonyms:	D54; TPD54
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>NCBI ORF sequence for NM_001243895, the custom clone sequence may differ by one or more nucleotides

```
ATGGACTCCGCCGCAAGATATCAACCTGAATTCTCCTAACAAAGGTCTGCTGTCTGACTCCATGACGG
ATGTTCTGTGCGACACAGGTGTGGCTGCCCGGACTCCTGCTGTTGAGGTCTGACAGAGGCTGAGGAGGA
GGAGCTCAGGGCTGAGCTTACCAAGGTGGAAGAGGAAATTGCACTCTGCCAGGCTCTGGCAGCCAAG
GAGAGGCACTGTGGAGAGCTCAAGAGGAGGCTGGGCTCTCCACCCTGGGGAGCTGAAACAGAACCTGT
CCAGGAGCTGGCATGACGTGCAGGTCTCTAGCGCCTATGTGAAAATTCTGAGAACTTGGAGAGTGAA
TGAGAAAGTGACCCAGTCAGACCTCTACAAGAAGACTCAGGAACTTTTACAGGCAGGACAGAAGACT
TCAGCTGCCCTGTCCACAGTGGGCTCTGCCATCAGCAGGAAGCTTGGAGACATGAGTCTAAGTTGTGGG
TGACAGAGAGAACGGCAGTGACAACCTCCCTTCTCAGCGGGGAGTGGTGACAAGCCCCTGTCGGATCCC
GCACCTTTCTAAGCCTGTGGTTGCTTACCCGCTGCAGAGCACACGCAACCCAGCCTCAGCATCACAGCC
GCAGCTCTGTTACAGCGGAGCAGCCAGCCAGGGCGGATGA
```

Restriction Sites:	Sgfl-MluI
ACCN:	NM_001243895
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\\_001243895.1](#), [NP\\_001230824.1](#)

**RefSeq Size:** 2310 bp

**RefSeq ORF:** 669 bp

**Locus ID:** 7165

**Cytogenetics:** 20q13.33

**Gene Summary:** This gene encodes a member of the tumor protein D52-like family. These proteins are characterized by an N-terminal coiled-coil motif that is used to form homo- and heteromeric complexes with other tumor protein D52-like proteins. Expression of this gene may be a marker for breast cancer and acute lymphoblastic leukemia. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene, and a pseudogene of this gene is located on the long arm of chromosome 12. [provided by RefSeq, Aug 2011]  
Transcript Variant: This variant (10) lacks three consecutive exons in the 3' coding region, which results in a frameshift, compared to variant 1. The encoded isoform (j) is shorter and has a distinct C-terminus, compared to isoform a. Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.