

## Product datasheet for **SC302384**

### TPD52 (NM\_001025252) Human Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	TPD52 (NM_001025252) Human Untagged Clone
Tag:	Tag Free
Symbol:	TPD52
Synonyms:	D52; hD52; N8L; PC-1; PrLZ
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene ORF within SC302384 sequence for NM_001025252 edited (data generated by NextGen Sequencing)

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ATGGATTGTAGAGAGATGGACTTATATGAGGACTACCAGTCCCCGTTTGATTTTGATGCAGGAGTGAACA  
AAAGCTATCTCTACTTGTCTCCTAGTGGAAATTCATCTCCACCCGGATCACCTACTCTTCAGAAATTTGG  
TCTGCTGAGAACAGACCCAGTCCCTGAGGAAGGAGAAGATGTTGCTGCCACGATCAGTGCCACAGAGACC  
CTCTCGGAAGAGGAGCAGGAAGAGCTAAGAAGAGAAGTTCGAAAGGTAGAAGAAGAAATCCAGACTCTGT  
CTCAAGTGTAGCAGCAAAAGAGAAGCATCTAGCAGAGATCAAGCGGAACTTGGAAATCAATTCTCTACA  
GGAACATAAACAGAACATTGCCAAAGGGTGGCAAGACGTGACAGCAACATCTGCTTACAAGAAGACATCT  
GAAACCTTATCCCAGGCTGGACAGAAGGCCTCAGCTGCTTTTTCGTCTGTTGGCTCAGTCATCACAAAA  
AGCTGGAAGATGTAAAAACTCCCAACTTTTAAATCATTGAAGAAAAGGTCGAAAACCTAAAGTCTAA  
AGTAGGGGAACCAAGCCTGCTGGTGGTATTTGGAGAAGTCTTGAATTCGGCTGCAAATGCTAGTGCC  
ACCACCACGGAGCCTCTCCAGAAAAGACACAGGAGAGCCTGTGA
```

Clone variation with respect to NM\_001025252.2

Restriction Sites:	Please inquire
ACCN:	NM_001025252
Insert Size:	2700 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).



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<b>OTI Annotation:</b>	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.
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<u><a href="#">NM_001025252.1</a></u> , <u><a href="#">NP_001020423.1</a></u>
<b>RefSeq Size:</b>	4313 bp
<b>RefSeq ORF:</b>	675 bp
<b>Locus ID:</b>	7163
<b>UniProt ID:</b>	<u><a href="#">P55327</a></u>
<b>Cytogenetics:</b>	8q21.13