

Product datasheet for **SC116973**

TPD52 (NM_005079) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	TPD52 (NM_005079) 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)



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Fully Sequenced ORF:

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>OriGene sequence for NM_005079 edited
GAATTCGGCACGAGGGCGAGGAGGAGCTCTGCGCGGCGCGGGCGGCGATCCGAGCCGGGA
CGGGCTGCAGGCGGGGGTCTGCAGAGGACACGAGGCGGGCGGGCTGGAGACATGGACCGC
GGCGAGCAAGGCTGCTGAGAACAGACCCAGTCCCTGAGGAAGGAGAAGATGTTGCTGCC
ACGATCAGTGCCACAGAGACCCTCTCGGAAGAGGAGCAGGAAGAGCTAAGAAGAGAACTT
GCAAAGGTAGAAGAAGAAATCCAGACTCTGTCTCAAGTGTAGCAGCAAAAGAGAAGCAT
CTAGCAGAGATCAAGCGAAACTTGAATCAATTCTCTACAGAACTAAAACAGAACATT
GCCAAAGGGTGGCAAGACGTGACAGCAACATCTGCTTACAAGAAGACATCTGAAACCTTA
TCCAGGCTGGACAGAAGGCCTCAGCTGCTTTTTCGTCTGTTGGCTCAGTCATACCCAAA
AAGCTGGAAGATGTAATAATTGCAAGCCTTTTACATTCTTTAGTATACGTTCCATTTCAG
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GTCGAAAACCTTAAAGTCTAAAGTAGGGGAACCAAGCCTGCTGGTGGTGATTTTGGAGAA
GTCTTGAATTCGGCTGCAATGCTAGTGCCACCACCGAGCCTCTCCAGAAAAGACA
CAGGAGAGCCTGTGAGATTCCTACCTTTGTTCTGCTACCCACTGCCAGATGCTGCAAGCG
AGGTCCAAGCACATCTTGTCAACATGCATTGCCATGAATTTCTACCAGATGTGCTTTTAT
TTAGCTTTACATATTCTTTGACCAAATAGTTTGTGGGTTAAACAAAATGAAAATATCTT
CACCTCTATTCTTGGAAACACCCTTTAGTGTACATTTATGTTCTTTATTTAGGAAACA
CCATTATAAAAACACTTATAGTAAATGGGGACATTCACATAATGATCTAAGAAGCTACA
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CCTTTGCTTCTATAATATTTCTTTTTTCCCCTCTTTGAATCTCTGTATATTTGATTC
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TTGGTATAAGGTACATATTTTGGTTGAAGACACCAGACTGAAGTAAACAGCTGTGCATCC
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ACCAAGTTATATGACTAATAAATACTTAAAATTTTTTATACTGAGGGGTTGGTGATAACT
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GCTGAGTGAATCAAAGTGTCTAGACATATTTGCATAGAGGCCAAGGTATTCTATTCTAAT
AACTGCTTACTCAACACTACCACCTTTTCTTATACTGTATATGATTATGGCCTACAATG
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GCTGCCATTCTTGATTGCTAGAGTTTTTGTAGTACTTTGGATGCAATTAACAACTATGTG
CTATCACATGTGAAAAGCTTAATAAATTCATCTATCAGTAAAAAAAAAAAAAAAAAACT
CGAC
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5' Read Nucleotide Sequence:

>OriGene 5' read for NM_005079 unedited
 GGATATTTGTATACGACTCACTATAGGGCGGCCCGCAATTCGCACGAGGGCGAGGAGGA
 GCTCTGCGCGGCGCGGGCGGATCCGAGCCGGGACGGGCTGCAGGCGGGGGTGTGCAG
 AGGACACGAGGGCGGGGCTGGAGACATGGACCGGGGAGCAAGGTCTGCTGAGAACAG
 ACCCAGTCCCTGAGGAAGGAGAAGATGTTGCTGCCACGATCAGTGCCACAGAGACCCTCT
 CGGAAGAGGAGCAGGAAGAGCTAAGAAGAGAACTTGCAAAGGTAGAAGAAGAAATCCAGA
 CTCTGTCTCAAGTGTTAGCAGCAAAAAGAGAAGCATCTAGCAGAGATCAAGCGGAACTTG
 GAATCAATTCCTACAGGAATAAACAGAACATTGCCAAAGGGTGGCAAGACGTGACAG
 CAACATCTGCTTACAAGAAGACATCTGAAACCTTATCCCAGGCTGGACAGAAGGCCTCAG
 CTGCTTTTTCGTCTGTTGGCTCAGTCATCACAAAAAGCTGGAAGATGTAATAATTGCAAG
 CCTTTTCACATTCCTTTAGTATACGTTCCATTCAGCATTCAACTAGCATGCCTGTATGA
 GAAACTCCCCAACTTTTAAATCATTGGAAGAAAAGGTGCAAAACTTAAAGTCTAAAGTAG
 GGGGAACCAAGCCTGCTGGTGGTATTGTTGGAGAAGTCTGAATTCGGCTGCAAATGCTA
 GTGCCACCACCGAGCCTCTCCACATAAGACACAGGAGAGCCTGGGAGATTCCTACC
 TTTGTTCTGCTCCACTGCCAGTCTGCAAGCGAAGTCCAAGCACTTCTTGAACATGCA
 TTGCCACGATTTCTACCAAAGCGCCTTTATTTACCTTACCTATTCTCGACCAATAGTCG
 CGGTAAACCAAAGAAAATTCTCCCTTTATTTGGCAACACCTCTAGGCACTTATGT

3' Read Nucleotide Sequence:

>OriGene 3' read for NM_005079 unedited
 GACCGCGCCGCAATCTAGAGTCGAGTTTTTTTTTTTTTTTTTTTACTGATAGATGGAATT
 TATTAAGCTTTTACATGTGATAGCACATAGTTTTAATTGCATCCAAAGTACTAACAAAA
 ACTCTAGCAATCAAGAATGGCAGCATGTTATTTTATAACAATCAACACCTGTGGCTTTTA
 AAATTTGGTTTTTATAAGATAATTTATACTGAAGTAAATCTAGCCATGCTTTTAAAAAAT
 GCTTTAGTCACTCCAAGCTTGGCAGTTAACATTTGGCATAAAACAATAATAAAACAATCA
 CAATTTAATAAATAACAAATACAACATTGTAGGCCATAATCATATACAGTATAAGGAAAA
 GGTGGTAGTGTGAGTAAGCAGTTATTAGAATAGAATACCTTGGCCTCTATGCAAATATG
 TCTAGACACTTTGATTCACTCAGCCCTGACATTCAGTTTTCAAAGTAGGAGACAGTTCT
 ACAGTATCATTTTACAGTTTCCAACACATTGAAAACAAGTAGAAAATGATGAGTTGATTT
 TTATTAATGCATTACATCCTCAAGAGTTATCACCAACCCCTCAGTATAAAAAATTTCAA
 GTTATATTAGTCATATAACCTTGGTGTGCTTATTTTAAATAGTGCTAAATGGATTAAGTG
 AAGACAACCATGGTTCCCTAATGTGATTGATATTGTCATTTTTACCAGCTTCTAGATCT
 AAATTTTCAAGCTTTTGAAGTACATTGATGACAGTGTTTCATAGTTCAACCTACTNGACA
 TACAGTGTGCCTGATTGAGAATGGTATTTTGTAGAATTAATAACCTGTGAAAAAT
 AGTTGATATAAGTGTATAATAAACATACCTGAANTGGTACTGTCACAACGTGCTAATAT
 GATTAAGGAGGCTCTNCAGCACCCANAAGTTGAN

Restriction Sites:

NotI-NotI

ACCN:

NM_005079

Insert Size:

2560 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).

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_005079.2](#), [NP_005070.1](#)

RefSeq Size: 3966 bp

RefSeq ORF: 555 bp

Locus ID: 7163

UniProt ID: [P55327](#)

Cytogenetics: 8q21.13

Domains: TPD52