

Product datasheet for **SC322225**

TPD52L2 (NM_003288) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	TPD52L2 (NM_003288) Human Untagged Clone
Tag:	Tag Free
Symbol:	TPD52L2
Synonyms:	D54; TPD54
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC (PS100020)
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >OriGene sequence for SC322225
 AGCGGTCCGGACGCCGCCGAACATGGACTCCGCCGGCCAAGATATCAACCTGAATTCTC
 CTAACAAAGGTCTGCTGTCTGACTCCATGACGGATGTTCTGTGACACAGGTGTGGCTG
 CCCGGACTCCTGCTGTTGAGGGTCTGACAGAGGCTGAGGAGGAGGAGCTCAGGGCTGAGC
 TTACCAAGGTGGAAGAGGAAATTGTCACCTGCGCCAGGTCTGGCAGCCAAGGAGAGGC
 ACTGTGGAGAGCTCAAGAGGAGGCTGGGCTCTCCACCCTGGGGAGCTGAAACAGAACC
 TGTCCAGGAGCTGGCATGACGTGACGGTCTTAGCGCCTATGTGAAAACCTCTGAGAAAC
 TTGGAGAGTGGAATGAGAAAGTGACCCAGTCAGACCTCTACAAGAAGACTCAGGAAACTC
 TTTACAGGCAGGACAGAAGACTTCAGCTGCCCTGTCCACAGTGGGCTCTGCCATCAGCA
 GGAAGCTTGAGACATGAGGAACTCTGCGACCTTCAAGTCGTTTGAGGACCGAGTTGGGA
 CCATAAGTCTAAGGTTGTGGTGACAGAGAGAACGGCAGTGACAACCTCCCTTCTCAG
 CGGGGAGTGGTGACAAGCCCTGTGGATCCCGCACCTTTCTAAGCCTGTGGTTGCTTCA
 CCCGCTGCAGAGCACACGAACCCAGCCTCAGCATCACAGCCGACGCTCTGTTCCAGCGGA
 GCAGCCAGCCAGGGCGGATGAGCAGAGCCGGCCCTGAGGACAGTCTGCCATCCACGGG
 GAGATGTGGCTGCCGCTTTCATGAATTTGAAGAACACAGGCTTGTACACAGATGTTTT
 AACTCAGCTTTGTAGATGAAACAGATCACTGTGCTGTCCTTCTAGGGGTGCAGGAAAT
 GGACAGGGCGGAGGGTTTGAAGAATATTGAGCCAAAGCCAGGCTCCCTTTGGGAATCA
 TGTAGCCCATCAGAATGTTGAAGGATTGAAGATTCTAAGCGTAAAAAAGTGGCATT
 TCTGACTTCTTCTCCTCCTTCCCTGACTCACAGAAGGAATGCAATCACCCAGCAAG
 TCCTACCTGTTACGCAATTTTTATCTCAAAATGCCGAACGAGAAAACCTGCCATTTTCT
 GAGACCCCAAGAAAGGAACTGACCCTCAGCAGCTGCCTGATTGTTACGCGAATCTAGCT
 TTAACGGAAGCAAATTCATTATTTTTAAATGCAGTGGACTTTTCAAAAAGTTAAATTA
 GGCAAAGCAGCTTAGCCTCATAGAATATTATTTCTTTGGACTCAAGCTGAAATACAAGC
 CTTACATTGCCTTATGCTTTATTTCTTTCTAATTTTTATATGTATATAGATGAGGGTTCC
 TTAATGGTTGTGAGCATTGTGTGGAATTTACACCTGGCCTGCGTGGCAGCCTCTCCAG
 TTGAGGTGTTTTATGTCACGCACACTCCATCCCAGTGTACAAAACCTGCTTCTCTTCTCA
 ACCGTGGCAGCTCCCGTGGCTCCTATGCCCTGCCCTAAAGGGCTCTTGAGCCTCTGGGA
 ATGGGAGGGGCCAAGAGAAGGAAAACCTGTCTTAGCACCTTTAAAAGAACTGTGCC
 CCCTTCTCAGTGTGCTTTGTCATGGGCTGGCCCGGCTCACATTCGTGAGTACTCAA
 CCCTCCTGCTTGCTGACTTGGGATGAAACGACCCACAGGTGAGTGGAGGGTGGGGCG
 TGGGCATCAGCCAGGATTGCCGTTACAGTCTTTTCTCAGGAGCTACAAAGATCTCTTCC
 TGTACTAAATGGTGCACCCACAGCCTCTCTCGCACACCCGGGCCCTGCATGTCAGA
 TGGCGTGGTCTGCAGGGGAGCTCTGTGCCTTAGTGGCTCTTGGCAGGACACTGAGGGCC
 TGCTGTGGTGTGCCCGCTCTGCCACTCCCGGGAGGGGAAGGGCTGCTCAGCTCAAGGT
 GTCCTGTTGCGGTAGAGCAAGTGTCTCTGACAGCCGTGTCCCGGACAGTTTACAGACCC
 TTGGGGATGGCACTCCACACACGACAGAGATGCAGGGGCCAGGGAAGCCAGCGCTCGGT
 GCCCTTCGTCCAGGGTAAAATCGGCCCTGTGGGGTGTGGTGAGAAAGCAGGTTGTGCGGG
 TGTTGACCGATGTATCTTTCTTAAAGTTATTATAATAATGGTAATTTGTCAATAAAG
 CATTCTTTGGGGAAAAAAAAAAAAAAAAAAAAAAAAA

- Restriction Sites:** Please inquire
- ACCN:** NM_003288
- 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_003288.2</u> , <u>NP_003279.2</u>
RefSeq Size:	2357 bp
RefSeq ORF:	621 bp
Locus ID:	7165
UniProt ID:	<u>O43399</u>
Cytogenetics:	20q13.33
Domains:	TPD52
Gene Summary:	<p>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]</p> <p>Transcript Variant: This variant (5) lacks two consecutive exons in the coding region, but maintains the reading frame, compared to variant 1. The encoded isoform (e) is shorter than 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.</p>