

## Product datasheet for **SC324493**

### TP53I13 (NM\_138349) Human Untagged Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** TP53I13 (NM\_138349) Human Untagged Clone  
**Tag:** Tag Free  
**Symbol:** TP53I13  
**Synonyms:** DSCP1  
**Mammalian Cell Selection:** Neomycin  
**Vector:** pCMV6-AC (PS100020)  
**E. coli Selection:** Ampicillin (100 ug/mL)

**Fully Sequenced ORF:** >OriGene sequence for NM\_138349.2  
 AGCGGCTGGGCGGCGGGCCGGGCCGGCCGCTTGAATGGCGCCTCCTCCGCCTTCGC  
 CCCAACTGCTTCTCCTGGCAGCCCTCGCGAGGCTCCTGGGTCCCAGCGAGGTGATGGCTG  
 GACCGGGCGGAGGAGGCGGAGCCATTGTCCCGAGAGCCTGTGGCCTCTGCCTCCGAGG  
 TGTACCAAGAGTGACCTACACACGAGTGAGCCAGGGCAGGCTGAGGATGTACCTTCC  
 TCTACCACCCCTGTGCCATCCCTGGCTGAAGCTCCAGCTTGCCTCCTGGCCTATGCTT  
 GTATGGTAACCTTCCCTCACCCCTGACTTCAGCCTCACGCAGGATCGGCCCTGGTGC  
 TGACTGCATGGGGCTGGCGCTGGAGATGGCTGGGTAGAGCCAGCCTGGGCTGCCACT  
 GGCTGATGAGGAGGCGGAGGAGGAAGCAGAGGAAGAAGAAGGCATGGATCTACTGTGAAA  
 GCCTTTCAGGGCCTGCTCCCTCCGAGCCAACCTCCCGTAGAGGGAGGCTGTGCCAAGAG  
 GGTGTGTGCAGGCCCTGGCTCTGGCCTTTGCTCTGCGGAGCTGGCGGCCCTGGCACAG  
 AGGTGACATCTCAAGGGCCAGGCAGCCCTCTTCTAGTGGTGCCAAGAGGCGGAGGCTGC  
 GGGCTGCCCTTGGTCCCCAGCCACTCGCTCAGCCCTGAGGTTTCCCTCTGCTTCCCCAG  
 GGAGCTTGAAGGCCAAGCAGTCCATGGCGGGAATCCCTGGTAGGGAGAGTAATGCCCAT  
 CTGTGCCACTGTCTCCCTGCTGCCGGGGCGCCTGGAGGCAATGCCAGCTCCAGGACAG  
 AGGCTCAGGTGCCAACGGGCAAGGCAGCCAGGGGGCTGTGTCTGTTCAAGTCAGGCTT  
 CCCCAGCCCTCGCGCAGCAGCGCTCCACGGGCAGCCGGGGCCCAACCCACGCACTG  
 AAGAGGCCGCCTGGGCTGCCATGGCCCTGACCTTCTGCTGGTGTGCTCACCTGGCCA  
 CGCTCTGCACACGGCTGCACAGAACTTCCGACGCGGGGAGAGCATCTACTGGGGCCCA  
 CAGCGGACAGCCAGGACACAGTGGCTGTGCTGAAGCGGAGGCTGCTGCAGCCCTCGC  
 GCCGGGTCAAGCGCTCGCGCCGGAGACCCTCCTCCCGCCACGCGGACAGCGGCCCGG  
 AAGGCGAGAGCTCGGAGTGACGGCTGGGACCTGCCACTGTGGCGTGGGCTCCTCCCCG  
 CGCCGCGAGGCCGCGACCTCTGCCACGTGGACCGCGCGGGGCGCTCCCTGGTGGCGAT  
 GGCGGGCACTGGCCGAGCACTGCGGGGCTTTCCTCCTTGTGGTTGCTGAGTGGGCGG  
 CCAAGGGAGAAAAGGAGCCGCTTCTGCCTCCCTTGCCAAAACCTCCGTTTCTAATTAAT  
 TATTTTTAGTAGAAAAAAAAAAAAAAAAAAAAAAAAAAAAA



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<b>Restriction Sites:</b>	Please inquire
<b>ACCN:</b>	NM_138349
<b>OTI Disclaimer:</b>	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).
<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_138349.2</a></u> , <u><a href="#">NP_612358.3</a></u>
<b>RefSeq Size:</b>	1478 bp
<b>RefSeq ORF:</b>	1182 bp
<b>Locus ID:</b>	90313
<b>UniProt ID:</b>	<u><a href="#">Q8NBR0</a></u>
<b>Cytogenetics:</b>	17q11.2
<b>Protein Families:</b>	Transmembrane
<b>Gene Summary:</b>	May act as a tumor suppressor. Inhibits tumor cell growth, when overexpressed. [UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (1) encodes the longest isoform (a).