

## Product datasheet for SC213187

### p53 (TP53) (NM\_000546) Human 3' UTR Clone

#### Product data:

Product Type:	3' UTR Clones
Product Name:	p53 (TP53) (NM_000546) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	TP53
Synonyms:	BCC7; BMFS5; LFS1; P53; TRP53
ACCN:	NM_000546
Insert Size:	1218 bp
Insert Sequence:	<p>&gt;SC213187 3'UTR clone of NM_000546</p> <p>The sequence shown below is from the reference sequence of NM_000546. The complete sequence of this clone may contain minor differences, such as SNPs.</p> <p>Blue=Stop Codon Red=Cloning site</p>

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
TTCAAGACAGAAGGGCCTGACTCAGACTGACATTCTCCACTTCTTGTTCCTCCACTGACAGCCTCCACC
CCCATCTCTCCCTCCCTGCCATTTTGGGTTTGGGTCTTTGAACCTTGCTTGCATAGGTGTGCGTC
AGAAGCACCCAGGACTTCCATTTGCTTTTCCCGGGGCTCCACTGAACAAGTTGGCCTGCATGGTGTT
TTGTTGTGGGGAGGAGGATGGGGAGTAGGACATACCAGCTTAGATTTTAAGGTTTTTACTGTGAGGGAT
GTTTGGGAGATGTAAGAAATGTTCTTGACGTAAAGGGTTAGTTTACAATCAGCCACATTCTAGGTAGGG
GCCCACTTCACCGTACTAACCAGGAAGCTGTCCCTCACTGTTGAATTTTCTCTAACTTCAAGGCCCAT
ATCTGTGAAATGCTGGCATTGTCACCTACCTCACAGAGTGCATTGTGAGGGTTAATGAAATAATGTACA
TCTGGCCTTGAAACCACCTTTTATTACATGGGGTCTAGAACTTGACCCCTTGAGGGTGCTTGTCCCT
CTCCCTGTTGGTCGGTGGGTGGTAGTTTCTACAGTTGGGCAGCTGGTTAGGTAGAGGGAGTTGTCAAG
TCTCTGCTGGCCAGCCAAACCCTGTCTGACAACCTCTTGGTGAACCTTAGTACCTAAAAGGAAATCTC
ACCCCATCCACACCCTGGAGGATTTATCTCTTGTATATGATGATCTGGATCCACCAAGACTTGTTTT
ATGCTCAGGGTCAATTTCTTTTTCTTTTTTTTTTTTTTTTTTTTTCTTTTTCTTTGAGACTGGGTCTCGCT
TTGTTGCCAGGCTGGAGTGGAGTGGCGTGATCTTGGCTTACTGCAGCCTTTGCCTCCCGGCTCGAGC
AGTCTGCCTCAGCCTCCGGAGTAGCTGGGACCACAGGTTTCATGCCACCATGGCCAGCCAACTTTTGCA
TGTTTTGTAGAGATGGGGTCTCAGAGTGTGCCCAGGCTGGTCTCAAACCTCTGGGCTCAGGCGATCCA
CCTGTCTCAGCCTCCAGAGTGTGGGATTACAATTGTGAGCCACCACGTCCAGCTGGAAGGGTCAACA
TCTTTTACATTCTGCAAGCACATCTGCATTTTACCCCAACCTTCCCTCCTTCTCCCTTTTATATCC
CATTTTATATCGATCTCTTATTTTACAATAAACTTTGCTGCCA
ACGCGTAAGCGGCCGCGCATCTAGATTGGAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTTTCGATTCCACCGCCGCTTCTATGAAAGG
  
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Restriction Sites: SgfI-MluI



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<b>OTI Disclaimer:</b>	Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences , e.g., single nucleotide polymorphisms (SNPs).
<b>Components:</b>	The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.
<b>RefSeq:</b>	<u><a href="#">NM_000546.6</a></u>
<b>Summary:</b>	This gene encodes a tumor suppressor protein containing transcriptional activation, DNA binding, and oligomerization domains. The encoded protein responds to diverse cellular stresses to regulate expression of target genes, thereby inducing cell cycle arrest, apoptosis, senescence, DNA repair, or changes in metabolism. Mutations in this gene are associated with a variety of human cancers, including hereditary cancers such as Li-Fraumeni syndrome. Alternative splicing of this gene and the use of alternate promoters result in multiple transcript variants and isoforms. Additional isoforms have also been shown to result from the use of alternate translation initiation codons from identical transcript variants (PMIDs: 12032546, 20937277). [provided by RefSeq, Dec 2016]
<b>Locus ID:</b>	7157
<b>MW:</b>	44.1