

Product datasheet for **SC213888**

p63 (TP63) (NM_001114979) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	p63 (TP63) (NM_001114979) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	TP63
Synonyms:	AIS; B(p51A); B(p51B); EEC3; KET; LMS; NBP; OFC8; p40; p51; p53CP; p63; p73H; p73L; RHS; SHFM4; TP53CP; TP53L; TP73L
ACCN:	NM_001114979
Insert Size:	1355 bp



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Insert Sequence:	<p>>SC213888 3'UTR clone of NM_001114979 The sequence shown below is from the reference sequence of NM_001114979. The complete sequence of this clone may contain minor differences, such as SNPs. Blue=Stop Codon Red=Cloning site</p> <pre>GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC AAGCCCCAAACCGATCAGTGTACCCATAGAGCCCTATCTCTATATTTTAAAGTGTGTGTGTATTTC CATGTGTATATGTGAGTGTGTGTGTGTATGTGTGTGCGTGTGTATCTAGCCCTCATAAACAGGACTT GAAGACACTTTGGCTCAGAGACCCAAGTCTCAAAGGCACAAAGCCACTAGTGAGAGAATCTTTTGAAG GGACTCAAACCTTTACAAGAAAGGATGTTTTCTGCAGATTTTGTATCCTTAGACCGGCCATTGGTGGGT GAGGAACCACTGTGTTTGTCTGTGAGCTTTCTGTTGTTTCTGGGAGGGAGGGGTGAGGTGGGAAAGG GGCATTAAAGATGTTTATTGGAACCTTTTCTGTCTTCTGTTGTTTTCTAAAATTCACAGGGAAGC TTTTGAGCAGGTCTCAAACCTTAAAGATGTCTTTTTAAGAAAAGGAGAAAAAAGTTGTTATTGTCTGTGCA TAAGTAAGTTGTAGGTGACTGAGAGACTCAGTCAGACCCTTTAATGCTGGTCATGTAATAATATTGCA AGTAGTAAGAAAAGGAGGTGTCAAGTGTACTGCTGGGCAGCGAGGTGATCATTACCAAAAAGTAATCAAC TTTGTGGGTGGAGAGTTCTTTGTGAGAAGTTCATTATTTGTGTCTCCCTCATGTGTAGGTAGAACAA TTTCTTAATGCTGTGTACCTGCCTCTGCCACTGTATGTTGGCATCTGTTATGCTAAAAGTTTTCTTGTA CATGAAACCTGGAAAGACCTACTACAAAAAACTGTTGTTTGGCCCCATAGCAGGTGAACCTATTTTG TGCTTTTAATAGAAAGACAAATCCACCCAGTAATATTGCCCTTACGTAGTTGTTTACCATTATTTCAA GCTCAAAATAGAAATTTGAAGCCCTCTCACAAAATCTGTGATTAATTTGCTAATTAGAGCTTCTATCCC TCAAGCCTACCTACCATAAAACAGCCATATTACTGATACTGTTCAAGTGCATTTAGCCAGGAGACTTAC GTTTTGAGTAAGTGAGATCCAAGCAGACGTGTTAAAATCAGCACTCCTGGACTGGAAATTAAGATTGA AAGGGTAGACTACTTTTTTTTTTTTTACTCAAAAAGTTTAGAGAATCTCTGTTTCTTTCCATTTTAAAAA CATATTTTAAGATAATAGCATAAAGACTTTAAAAATGTTCTCCCTCCATCTTCCACACCCAGTCAC CAGCACTGATTTTTCTGTCACCAAGACAATGATTTCTGTTATTGAGGCTGTTGCTTTTGTGGATGTGT GATTTTAATTTCAATAAACTTTTGCATCTTGTTTATCTTGCA ACGCGTAAGCGGCCGCGCATCTAGATTCGAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA CGAGATTCGATTCACCGCCCTTCTATGAAAGG</pre>
Restriction Sites:	Sgfl-MluI
OTI Disclaimer:	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).
Components:	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.
RefSeq:	<u>NM_001114979.2</u>

Summary:

This gene encodes a member of the p53 family of transcription factors. The functional domains of p53 family proteins include an N-terminal transactivation domain, a central DNA-binding domain and an oligomerization domain. Alternative splicing of this gene and the use of alternative promoters results in multiple transcript variants encoding different isoforms that vary in their functional properties. These isoforms function during skin development and maintenance, adult stem/progenitor cell regulation, heart development and premature aging. Some isoforms have been found to protect the germline by eliminating oocytes or testicular germ cells that have suffered DNA damage. Mutations in this gene are associated with ectodermal dysplasia, and cleft lip/palate syndrome 3 (EEC3); split-hand/foot malformation 4 (SHFM4); ankyloblepharon-ectodermal defects-cleft lip/palate; ADULT syndrome (acrodermato-ungual-lacrimal-tooth); limb-mammary syndrome; Rap-Hodgkin syndrome (RHS); and orofacial cleft 8. [provided by RefSeq, Aug 2016]

Locus ID:

8626

MW:

51.3