

Product datasheet for SC330250

p53 AIP1 (TP53AIP1) (NM_001251964) Human Untagged Clone

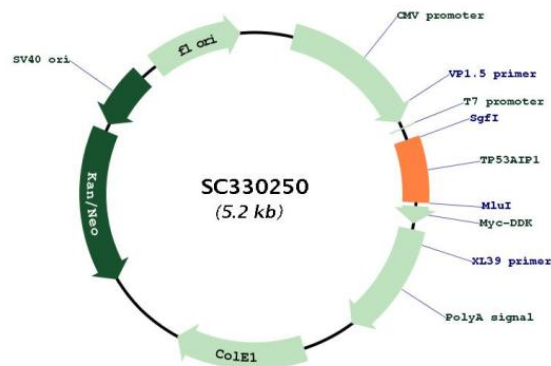
Product data:

Product Type:	Expression Plasmids
Product Name:	p53 AIP1 (TP53AIP1) (NM_001251964) Human Untagged Clone
Tag:	Tag Free
Symbol:	TP53AIP1
Synonyms:	P53AIP1
Vector:	pCMV6-Entry (PS100001)
Fully Sequenced ORF:	>SC330250 representing NM_001251964. Blue=Insert sequence Red=Cloning site Green=Tag(s)

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ATGGGATCTTCTCTGAGGCGAGCTTCAGATCTGCTCAAGCTTCCTGCAGTGGGGCCAGGAGGCAGGGC
CTGGGCAGGGGAGACCAGAACCTCTCGGTGATGCCTCCGAATGGCAGGGCTCAGACACACACACCTGGC
TGGGTAAGTCCCTGCAGTGAAAACCGAGACGGTCTTTTGCCTGCCACAGCCCCGGGCAGACTCTGCTCT
CACCGTGGTGCCGACATCCCAAGTTTTTCAGACTCACCAGGACCCAGTGACAGCATCTGGGTCTCAGAG
CTGCATGCGGACTGTCCCAGTTCAGAGCATTGGACAGAGCTGGGAAC TGA
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Restriction Sites: SgfI-MluI

Plasmid Map:



ACCN: NM_001251964

Insert Size: 327 bp



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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:	<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:	NM_001251964.1
RefSeq Size:	3158 bp
RefSeq ORF:	327 bp
Locus ID:	63970
UniProt ID:	Q9HCN2
Cytogenetics:	11q24.3
Protein Families:	Druggable Genome
Protein Pathways:	p53 signaling pathway
MW:	11.3 kDa
Gene Summary:	<p>This gene is specifically expressed in the thymus, and encodes a protein that is localized to the mitochondrion. The expression of this gene is inducible by p53, and it is thought to play an important role in mediating p53-dependent apoptosis. Alternatively spliced transcript variants encoding different isoforms have been described for this gene. [provided by RefSeq, Oct 2011]</p> <p>Transcript Variant: This variant (4, also known as gamma) differs at the 3' end compared to variant 1, and encodes a shorter isoform (d) with a distinct C-terminus compared to isoform a.</p>