

Product datasheet for **SC108011**

APOPT1 (NM_032374) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	APOPT1 (NM_032374) Human Untagged Clone
Tag:	Tag Free
Symbol:	APOPT1
Synonyms:	APOP; APOP1; C14orf153
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL6</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>NCBI ORF sequence for NM_032374, the custom clone sequence may differ by one or more nucleotides

```
ATGCTGCCGTGCCCGCGGGAGCCAGGGGGCGTGGGGCCATGGTGGTCTTGCGGGCGGGGAAGAAGACCT
TTCTCCCCCTCTCTGCCGCGCCTTCGCTGCCGCGGCTGTCAACTCGCTCCGGAGCGCGCGCCGAGCG
CAGGGATACGGCGCCCAGCGGGTCTCAAGATTCTGCCCTCCAAGAAAGTCTTGCCATGATTGGATAGGA
CCCCAGATAAATATTCAAACCTTCGACCTGTTCACTTTTACATACCTGAAAATGAATCTCCATTGGAAC
AAAAGCTTAGAAAATTAAGACAAGAAACACAAGAATGGAATCAACAGTTCTGGGCAAACCAGAATTTGAC
TTTTAGTAAGGAAAAAGAAGATTTATTCCTCAAGACTAAAACTAAAGCCTGGGCTGAGAAGTAA
TCAGGTCAGAAAGCAACATTGAATGCAGAAGAAATGGCGGACTTCTACAAGGAATTTTAAAGTAAAT
TTCAGAAGCACATGTATTATAACAGAGATTGGTACAAGCGCAATTTTCCATCACCTTCTCATGGGAAA
AGTGGCCCTGGAAAGGATTTGGAACAAGCTTAAACAGAAACAAAAGAAGAGGAGCAACTAG
```



[View online »](#)

5' Read Nucleotide Sequence:	>OriGene 5' read for NM_032374 unedited CCCCTTTTCCCGCCGTTGCCGATTGGGCGGTAGGCGTGTGGTGGGGTCTATATAGC AGACTCATTTAGTGCCTATAGAAACAGCTCTTGTTTTTGCAGGGCGGAATCGACGAGGCG GCGGGACCCAAACAGGCCCGCGCCCGCGCTTCGCCCCAGGGCGGGGACAGCGCCGAGA CCGACTGTGCCCTGCCTGATCCGACAGGCCGCACGGGGCTGGGCGCTGGCGAAGGGGTGG CCCAGCGGGGAGCCCCGCGCGGAGGTGGTGCCCACTCGTCCCCCGAGAGAGGAAAAAG GCTACAAGCCGCGCTTCGCTCACCTGTCCCGCCCGGCCATCGCGCGATGCGTCGCGGAC GCTTCCACGACTTCCGCAGCTCCGGCAGTCGCCGGGCGCCGACGCCCGCCCTGGCCG AACACCCCTAAACCCGGGGACACCTCCTCCGGCGTCCGCGCTAGCCCGCGGACGCGCA CGCCACCCAGCGGGCGAGCGAGGCAGCCTGGAGTGACCGCGACCAAGGAGCGGCCGC CCGGGTACGCCCGCGCCCGCCGCCCTCACCCGTCGACCGCTGGGAAAGCGCAC GGTGCGCCGCGCCCGCGCTTCTCGGGCTTCGCGACCTGCCGTAAGCGGCCCTCG CGCCGTGCAATGCTGCCGTGCCCGCGGGAGCCAGGGGGCTATGGGGCCATGGTGGTCT TCGGGGCGGGCAGCAGACCTTNTCCCCCTCTCTGCCGCGCTTCGCTGCCGCGGTGT CCACTCGTCTTGACGCGGGCGCGAGCGCAGGGATACTGCGCCCGAGCGGGGTCTCCAG ATTCTGCCCTTCCANAACAGACTGCCATGATTGGTATAGGANCT
Restriction Sites:	NotI-NotI
ACCN:	NM_032374
Insert Size:	400 bp
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_032374.2 , NP_115750.1
RefSeq Size:	2497 bp
RefSeq ORF:	582 bp
Locus ID:	84334
UniProt ID:	Q96IL0
Cytogenetics:	14q32.33
Protein Families:	Secreted Protein

Gene Summary:

This gene encodes a protein that localizes to the mitochondria, where it stimulates the release of cytochrome c, thereby promoting programmed cell death. Mutations in this gene have been found in individuals with mitochondrial complex IV deficiency. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Nov 2014]
Transcript Variant: This variant (1) represents the longest transcript and encodes the longest isoform (1).