

Product datasheet for **SC333675**

C11orf51 (ANAPC15) (NM_001278488) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	C11orf51 (ANAPC15) (NM_001278488) Human Untagged Clone
Tag:	Tag Free
Symbol:	C11orf51
Synonyms:	APC15; C11orf51; HSPC020
Vector:	pCMV6-Entry (PS100001)
Fully Sequenced ORF:	>SC333675 representing NM_001278488. Blue=Insert sequence Red=Cloning site Green=Tag(s)

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ATGTCCACTTTGTTCCCCTCACTCTTCCCTCGTGTGACTGAGACTCTGTGGTTTAACTGGATCGACCC
TGTGTGGAAGAGACAGAGCTGCAGCAGCAGGAACAGCAGCATCAGGCCTGGCTCCAAAGCATCGCGGAG
AAAGACAACAACCTGGTTCCTATTGGCAAGCCAGCCTCAGAGCACTATGATGACGAGGAAGAAGAGGAT
GATGAAGATGATGAGGATAGTGAAGAGGACTCAGAGGATGATGAGGATATGCAGGACATGGACGAGATG
AATGACTACAATGAGTCACCGGATGATGGAGAGGTCAATGAGGTGGACATGGAAGGCAACGAACAGGAT
CAGGACCAGTGGATGATCTAG
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Restriction Sites:	Sgfl-Mlul
ACCN:	NM_001278488
Insert Size:	366 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.



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RefSeq: [NM_001278488.1](#)

RefSeq Size: 793 bp

RefSeq ORF: 366 bp

Locus ID: 25906

UniProt ID: [P60006](#)

Cytogenetics: 11q13.4

MW: 14.3 kDa

Gene Summary: Component of the anaphase promoting complex/cyclosome (APC/C), a cell cycle-regulated E3 ubiquitin ligase that controls progression through mitosis and the G1 phase of the cell cycle. In the complex, plays a role in the release of the mitotic checkpoint complex (MCC) from the APC/C: not required for APC/C activity itself, but promotes the turnover of CDC20 and MCC on the APC/C, thereby participating in the responsiveness of the spindle assembly checkpoint. Also required for degradation of CDC20.[UniProtKB/Swiss-Prot Function]
Transcript Variant: This variant (5) differs in the 5' UTR and uses an alternate in-frame splice junction at the 5' end of the last exon compared to variant 1. The resulting isoform (b) has the same N- and C-termini but is shorter compared to isoform a.