

## 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:** ANAPC15  
**Synonyms:** APC15; C11orf51; HSPC020  
**Vector:** pCMV6-Entry (PS100001)  
**Fully Sequenced ORF:** >SC333675 representing NM\_001278488.  
 Blue=Insert sequence Red=Cloning site Green=Tag(s)

ATGTCCACTTTGTTCCCCTCACTCTTCCCTCGTGTGACTGAGACTCTGTGGTTTAACTGGATCGACCC  
 TGTGTGGAAGAGACAGAGCTGCAGCAGCAGGAACAGCAGCATCAGGCCTGGCTCCAAAGCATCGCGGAG  
 AAAGACAACAACCTGGTTCTATTGGCAAGCCAGCCTCAGAGCACTATGATGACGAGGAAGAAGAGGAT  
 GATGAAGATGATGAGGATAGTGAAGAGGACTCAGAGGATGATGAGGATATGCAGGACATGGACGAGATG  
 AATGACTACAATGAGTACC GGATGATGGAGAGGTCAATGAGGTGACATGGAAGGCAACGAACAGGAT  
 CAGGACCAGTGGATGATCTAG

**Restriction Sites:** SgfI-MluI

**Plasmid Map:**



**ACCN:** NM\_001278488



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<b>Insert Size:</b>	366 bp
<b>OTI Disclaimer:</b>	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).
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<u><a href="#">NM_001278488.1</a></u>
<b>RefSeq Size:</b>	793 bp
<b>RefSeq ORF:</b>	366 bp
<b>Locus ID:</b>	25906
<b>UniProt ID:</b>	<u><a href="#">P60006</a></u>
<b>Cytogenetics:</b>	11q13.4
<b>MW:</b>	14.3 kDa
<b>Gene Summary:</b>	<p>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]</p> <p>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.</p>