

Product datasheet for SC122795

C11orf51 (ANAPC15) (NM_014042) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	C11orf51 (ANAPC15) (NM_014042) Human Untagged Clone
Tag:	Tag Free
Symbol:	C11orf51
Synonyms:	APC15; C11orf51; HSPC020
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)

Fully Sequenced ORF: >OriGene sequence for NM_014042 edited
 GGGAAAACAAAAGGAGACGAAGGACGCATGCGTTTGGTGAGTCCCGGATTCTGGTGGGTT
 CTTCCGCTCAGGCTGGGTGAAGCGCTTCCGGGTCGCCGCCGAGCAGCCTCCCGCGCG
 ATGAAGACACTGAGGCTCAGAGAGGTTAAGTGACTCAGCCAAGGTCAAACAGCTAGTAAG
 TGGTGGAGCCAGGACTCAAAGCCAGTCTAGGAGCCATGTCCACTTTGTTCCCTCACTCT
 TCCCTCGTGTGACTGAGACTCTGTGGTTAATCTGGATCGACCCTGTGTGGAAGAGACAG
 AGCTGCAGCAGCAGGAACAGCAGCATCAGGCCTGGCTCCAAAGCATCGCGGAGAAAGACA
 ACAACCTGGTTCCTATTGGCAAGCCAGCCTCAGAGCACTATGATGACGAGGAAGAAGAGG
 ATGATGAAGATGATGAGGATAGTGAAGAGGACTCAGAGGATGATGAGGATATGCAGGACA
 TGGACGAGATGAATGACTACAATGAGTCACCGGATGATGGAGAGGTCAATGAGGTGGACA
 TGAAGGCAACGAACAGGATCAGGACCAGTGGATGATCTAGGTAGACAAGGCAGGTTGGC
 CTCAGGGAGATTCCAGGCCAGCCAAACTACCCTGCATCCAACCCCAACCCCTGCCCA
 CAGAACCAGCTGATGGCCCCAGTGCCTGAAAGTGCCCTTGGGCACCTCCTCAGCTGCTGC
 CAGGATCTGGTCTCTTTGGCCCCCTCCAGGCCATCAGTCTGCACTTAAAATCCCCAGGGC
 CTGAAACCTACTCCACCTTCTGGCCAGTACCTCACCCCTTGATTGCCAGGTCTGGTCTA
 AGTTTCTTTAATAAAGACAAAGGAGTGATTTTCAAAAAAAAAAAAAAAAAAAAA



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5' Read Nucleotide Sequence:	>OriGene 5' read for NM_014042 unedited NAATGTCAATTTTGTATACGACTCATATAGGCGGCACGCGAATTCGCACGAGTGGGGAAA ACAAAAGGAGACGAAGGACGCATGCGTTTGGTGAGTCCCGGATTCTGGTGGGTTCTTCCG CTCAGGCTGGGTGAAGCGCTTCCGGTCGCCGCCGCGCAGCAGCCTCCCGGCGCGATGAAG ACACTGAGGCTCAGAGAGTTAAGTGACTCAGCCAAGGTCAAACAGCTAGTAAGTGGTGG AGCCAGGACTCAAAGCCAGTCTAGGAGCCATGTCCACTTTGTTCCCTCACTCTTCCCTC GTGTGACTGAGACTCTGTGGTTTAACTCTGGATCGACCCGTGTGTGGAAGAGACAGAGCTGC AGCAGCAGGAACAGCAGCATCAGGCCTGGCTCCAAGCATCGCGGAGAAAGACAACAACC TGGTTCCTATTGGCAAGCCAGCCTCAGAGCACTATGATGACGAGGAAGAAGAGGATGATG AAGATGATGAGGATAGTGAAGAGGACTCAGAGGATGATGAGGATATGCAGGACATGGACG AGATGAATGACTACAATGAGTCACCGGATGATGGAGAGGTCAATGAGGTGGACATGGAAG GCAACGAACAGGATCAGGACCAGTGGATGATCTAGGTAGACAAGGCAGGGTGGCCTCAGG GAGATTCCAGGCCAGCCAAACTACCCTGCATCCCAACCCCAACCCCTGCCACAGAAC CAGCTGATGGCCCAAGTGCCTGATAGTGCCTTGGGCACCTCCTCAGCTGCTGCCAGGAT CTGGTCTCTTTGGNCCCTCCCAGCCATCAGTCTGCACTTCAAATCCCAGGGCCTGAACCT ACTCCACTTTCTGGGNCAGTACTCACCCCTTTGATGCCAGTCTGGTCTAAGTTTCTTAA
Restriction Sites:	Please inquire
ACCN:	NM_014042
Insert Size:	901 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_014042.1 , NP_054761.1
RefSeq Size:	902 bp
RefSeq ORF:	366 bp
Locus ID:	25906
UniProt ID:	P60006
Cytogenetics:	11q13.4

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 (3) 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.