

Product datasheet for SC202826

Apc5 (ANAPC5) (NM_016237) Human 3' UTR Clone

Product data:

| | |
|---------------------------|--|
| Product Type: | 3' UTR Clones |
| Product Name: | Apc5 (ANAPC5) (NM_016237) Human 3' UTR Clone |
| Symbol: | Apc5 |
| Synonyms: | APC5 |
| Mammalian Cell Selection: | Neomycin |
| Vector: | pMirTarget (PS100062) |
| ACCN: | NM_016237 |
| Insert Size: | 265 bp |
| Insert Sequence: | <p>>SC202826 3'UTR clone of NM_016237 The sequence shown below is from the reference sequence of NM_016237. The complete sequence of this clone may contain minor differences, such as SNPs. Blue=Stop Codon Red=Cloning site</p> <pre> GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC CATGGGGTACCCTTGATAAACCATCTCTAGAGAGGACATCCCTGCTGGGCTGCTGTGCAGAGTATAAGA TTTTGGACTTGTTTCATGTCCCCTCTCCCTATAAATGATGTATTTGTGACACCCTATCTTGCAATAA ACAGATTCTGATTAGTTTGTCTTATTTTGTGCTAGTAACACTACGTATTTGTTTTATTCCCTTTTCTT CCCTTTTGGTAGCAAAGGACACCAACTTTTCTTAATAAATGGGTATTTTGCTAACAA ACGCGTAAGCGGCCGCGCATCTAGATTGAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG </pre> |
| Restriction Sites: | Sgfl-MluI |
| OTI Disclaimer: | Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences, e.g., single nucleotide polymorphisms (SNPs). |
| Components: | The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials. |
| RefSeq: | <u>NM_016237.5</u> |



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Summary:

This gene encodes a tetratricopeptide repeat-containing component of the anaphase promoting complex/cyclosome (APC/C), a large E3 ubiquitin ligase that controls cell cycle progression by targeting a number of cell cycle regulators such as B-type cyclins for 26S proteasome-mediated degradation through ubiquitination. The encoded protein is required for the proper ubiquitination function of APC/C and for the interaction of APC/C with transcription coactivators. It also interacts with polyA binding protein and represses internal ribosome entry site-mediated translation. Multiple transcript variants encoding different isoforms have been found for this gene. These differences cause translation initiation at a downstream AUG and result in a shorter protein (isoform b), compared to isoform a. [provided by RefSeq, Nov 2008]

Locus ID:

51433

MW:

10.1