

Product datasheet for **SC202077**

Apc2 (ANAPC2) (NM_013366) Human 3' UTR Clone

Product data:

| | |
|---------------------------|---|
| Product Type: | 3' UTR Clones |
| Product Name: | Apc2 (ANAPC2) (NM_013366) Human 3' UTR Clone |
| Symbol: | Apc2 |
| Synonyms: | APC2 |
| Mammalian Cell Selection: | Neomycin |
| Vector: | pMirTarget (PS100062) |
| ACCN: | NM_013366 |
| Insert Size: | 188 bp |
| Insert Sequence: | >SC202077 3'UTR clone of NM_013366 The sequence shown below is from the reference sequence of NM_013366. The complete sequence of this clone may contain minor differences, such as SNPs. Blue =Stop Codon Red =Cloning site GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG TAACAATTGGCAGAGCTCAGAATTCAA GCGATCGCC GTCTACCGCTGCCAAGAAGTGCAGCT TGA CACATCGCCCGCCCGCCCGCCCGCCAGGCGCTGCC CTGCAGGTGCTCTCGTCTCCCGTGCCAGCCCCGCCCGCCCGTGTCCAGAATGCACTGCTGAGGAGC ATGCCACCCCCACCCCGCAGTGTGCAGATTAAGCAAGTCAGATCATC ACGCGT AAGCGCCGCGCATCTAGATTGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG Restriction Sites: Sgfl-Mlul |
| 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_013366.4</u> |



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Summary: A large protein complex, termed the anaphase-promoting complex (APC), or the cyclosome, promotes metaphase-anaphase transition by ubiquitinating its specific substrates such as mitotic cyclins and anaphase inhibitor, which are subsequently degraded by the 26S proteasome. Biochemical studies have shown that the vertebrate APC contains eight subunits. The composition of the APC is highly conserved in organisms from yeast to humans. The product of this gene is a component of the complex and shares sequence similarity with a recently identified family of proteins called cullins, which may also be involved in ubiquitin-mediated degradation. [provided by RefSeq, Jul 2008]

Locus ID: 29882

MW: 6.7