

Product datasheet for **SC202825**

Apc5 (ANAPC5) (NM_001137559) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	Apc5 (ANAPC5) (NM_001137559) Human 3' UTR Clone
Symbol:	Apc5
Synonyms:	APC5
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_001137559
Insert Size:	265 bp
Insert Sequence:	>SC202825 3'UTR clone of NM_001137559 The sequence shown below is from the reference sequence of NM_001137559. The complete sequence of this clone may contain minor differences, such as SNPs. Blue =Stop Codon Red =Cloning site GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG TAACAATTGGCAGAGCTCAGAATTCAA GCGATCGCC CATGGGGTACCCTTGATAAACCATCTC TAG AGAGGACATCCCTGCTGGGCTGCTGTGCAGAGTATAAGA TTTTGGACTTGTTTCATGTCCCCTCTCCCTATAAATGATGTATTTGTGACACCCTATCTTGCAATAA ACAGATTCTGATTAGTTTGTCTTATTTTGTGCTAGTAACTACGTATTTGTTTTATTCCCTTTTCTT CCCTTTTGGTAGCAAAGGACACCAACTTTTCTTAATAAATGGGTATTTTGCTAACAA ACGCGT AAGCGGCCGCGCATCTAGATTGAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
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_001137559.1</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