

Product datasheet for SC202825

OriGene Technologies, Inc.

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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 Neomycin

Selection:

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

GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAGGCCAAGAAGGGCGGAAAGATCGCCGTG

TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC

CATGGGGTACCCTTGATAAACCATCTCTAGAGAGGACATCCCTGCTGGGCTGCTGTGCAGAGTATAAGA TTTTGGACTTGTTCATGTCCCCTCTCCCCTATAAATGATGTATTTGTGACACCCTATCTTGTCAATAA ACAGCATTCTGATTAGTTTGTCTTATTTTGTTGCTAGTAACTACGTATTTGTTTTATTCCCCTTTTCTT

CCCTTTTGGTAGCAAAGGACACCAACTTTTTCTTAATAAATGGGTATTTTGCTAACAA

ACGCGTAAGCGGCCGCGCATCTAGATTCGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA

CGAGATTTCGATTCCACCGCCGCCTTCTATGAAAGG

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).

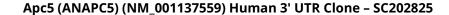
Components: The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The

package also includes 100 pmols of both the corresponding 5' and 3' vector primers in

separate vials.

RefSeq: NM 001137559.1







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