

Product datasheet for **RC224701L4V**

Apc11 (ANAPC11) (NM_001002249) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Apc11 (ANAPC11) (NM_001002249) Human Tagged ORF Clone Lentiviral Particle
Symbol:	Apc11
Synonyms:	APC11; Apc11p; HSPC214
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_001002249
ORF Size:	252 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC224701).
OTI Disclaimer:	The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. More info
OTI Annotation:	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
RefSeq:	NM_001002249.1
RefSeq Size:	977 bp
RefSeq ORF:	255 bp
Locus ID:	51529
UniProt ID:	Q9NYG5
Cytogenetics:	17q25.3
Protein Families:	Druggable Genome



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Protein Pathways:	Cell cycle, Oocyte meiosis, Progesterone-mediated oocyte maturation, Ubiquitin mediated proteolysis
MW:	9.8 kDa
Gene Summary:	Together with the cullin protein ANAPC2, constitutes the catalytic 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. The APC/C complex acts by mediating ubiquitination and subsequent degradation of target proteins: it mainly mediates the formation of 'Lys-11'-linked polyubiquitin chains and, to a lower extent, the formation of 'Lys-48'- and 'Lys-63'-linked polyubiquitin chains. May recruit the E2 ubiquitin-conjugating enzymes to the complex.[UniProtKB/Swiss-Prot Function]