

Product datasheet for **RC215606L3V**

Apc11 (ANAPC11) (NM_001002247) Human Tagged ORF Clone Lentiviral Particle

Product data:

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| Product Type: | Lentiviral Particles |
| Product Name: | Apc11 (ANAPC11) (NM_001002247) Human Tagged ORF Clone Lentiviral Particle |
| Symbol: | Apc11 |
| Synonyms: | APC11; Apc11p; HSPC214 |
| Mammalian Cell Selection: | Puromycin |
| Vector: | pLenti-C-Myc-DDK-P2A-Puro (PS100092) |
| Tag: | Myc-DDK |
| ACCN: | NM_001002247 |
| ORF Size: | 252 bp |
| ORF Nucleotide Sequence: | The ORF insert of this clone is exactly the same as(RC215606). |
| 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_001002247.1 , NP_001002247.1 |
| RefSeq Size: | 807 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: | 9.7 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] |