

Product datasheet for **RC227559L4V**

Apc7 (ANAPC7) (NM_001137664) Human Tagged ORF Clone Lentiviral Particle

Product data:

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|---------------------------|--|
| Product Type: | Lentiviral Particles |
| Product Name: | Apc7 (ANAPC7) (NM_001137664) Human Tagged ORF Clone Lentiviral Particle |
| Symbol: | ANAPC7 |
| Synonyms: | APC7 |
| Mammalian Cell Selection: | Puromycin |
| Vector: | pLenti-C-mGFP-P2A-Puro (PS100093) |
| Tag: | mGFP |
| ACCN: | NM_001137664 |
| ORF Size: | 1611 bp |
| ORF Nucleotide Sequence: | The ORF insert of this clone is exactly the same as(RC227559). |
| 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_001137664.1 , NP_001131136.1 |
| RefSeq ORF: | 1512 bp |
| Locus ID: | 51434 |
| UniProt ID: | Q9UJX3 |
| Cytogenetics: | 12q24.11 |
| Protein Families: | Druggable Genome |
| Protein Pathways: | Cell cycle, Oocyte meiosis, Progesterone-mediated oocyte maturation, Ubiquitin mediated proteolysis |



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MW: 59.8 kDa

Gene 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 proper protein ubiquitination function of APC/C and for the interaction of APC/C with certain transcription coactivators. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Nov 2008]