

Product datasheet for **RC224200L4V**

AP4 (REPIN1) (NM_001099696) Human Tagged ORF Clone Lentiviral Particle

Product data:

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|---------------------------|--|
| Product Type: | Lentiviral Particles |
| Product Name: | AP4 (REPIN1) (NM_001099696) Human Tagged ORF Clone Lentiviral Particle |
| Symbol: | AP4 |
| Synonyms: | AP4; RIP60; Zfp464; ZNF464 |
| Mammalian Cell Selection: | Puromycin |
| Vector: | pLenti-C-mGFP-P2A-Puro (PS100093) |
| Tag: | mGFP |
| ACCN: | NM_001099696 |
| ORF Size: | 1701 bp |
| ORF Nucleotide Sequence: | The ORF insert of this clone is exactly the same as(RC224200). |
| 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_001099696.1 , NP_001093166.1 |
| RefSeq Size: | 2986 bp |
| RefSeq ORF: | 1704 bp |
| Locus ID: | 29803 |
| UniProt ID: | Q9BWE0 |
| Cytogenetics: | 7q36.1 |
| MW: | 63.4 kDa |



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Gene Summary:

Sequence-specific double-stranded DNA-binding protein required for initiation of chromosomal DNA replication. Binds on 5'-ATT-3' reiterated sequences downstream of the origin of bidirectional replication (OBR) and a second, homologous ATT sequence of opposite orientation situated within the OBR zone. Facilitates DNA bending.[UniProtKB/Swiss-Prot Function]