

## Product datasheet for RC226046L2V

## OriGene Technologies, Inc.

9620 Medical Center Drive, Ste 200 Rockville, MD 20850, US Phone: +1-888-267-4436 https://www.origene.com techsupport@origene.com EU: info-de@origene.com CN: techsupport@origene.cn

## RACGAP1 (NM\_001126104) Human Tagged ORF Clone Lentiviral Particle

**Product data:** 

Product Type: Lentiviral Particles

Product Name: RACGAP1 (NM\_001126104) Human Tagged ORF Clone Lentiviral Particle

Symbol: RACGAP1

Synonyms: CYK4; HsCYK-4; ID-GAP; MgcRacGAP

**Mammalian Cell** 

Selection:

None

**Vector:** pLenti-C-mGFP (PS100071)

Tag: mGFP

**ACCN:** NM\_001126104

ORF Size: 1896 bp

**ORF Nucleotide** 

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Sequence:

The ORF insert of this clone is exactly the same as(RC226046).

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.

**RefSeg:** NM 001126104.1

 RefSeq Size:
 3206 bp

 RefSeq ORF:
 1899 bp

 Locus ID:
 29127

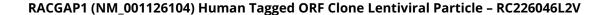
 UniProt ID:
 Q9H0H5

 Cytogenetics:
 12q13.12

**Protein Families:** Druggable Genome

**MW:** 71 kDa







## **Gene Summary:**

This gene encodes a GTPase-activating protein (GAP) that is a component of the centralspindlin complex. This protein binds activated forms of Rho GTPases and stimulates GTP hydrolysis, which results in negative regulation of Rho-mediated signals. This protein plays a regulatory role in cytokinesis, cell growth, and differentiation. Alternatively spliced transcript variants have been found for this gene. There is a pseudogene for this gene on chromosome 12. [provided by RefSeq, Feb 2016]