

## Product datasheet for **RC226045L3V**

### **RACGAP1 (NM\_001126103) Human Tagged ORF Clone Lentiviral Particle**

#### **Product data:**

Product Type:	Lentiviral Particles
Product Name:	RACGAP1 (NM_001126103) Human Tagged ORF Clone Lentiviral Particle
Symbol:	RACGAP1
Synonyms:	CYK4; HsCYK-4; ID-GAP; MgcRacGAP
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_001126103
ORF Size:	1896 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC226045).
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. <a href="#">More info</a>
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:	<a href="#">NM_001126103.1</a> , <a href="#">NP_001119575.1</a>
RefSeq Size:	3326 bp
RefSeq ORF:	1899 bp
Locus ID:	29127
UniProt ID:	<a href="#">Q9H0H5</a>
Cytogenetics:	12q13.12
Protein Families:	Druggable Genome
MW:	71 kDa



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**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]