

## Product datasheet for **RC212075L4V**

### **RASAL3 (NM\_022904) Human Tagged ORF Clone Lentiviral Particle**

#### **Product data:**

Product Type:	Lentiviral Particles
Product Name:	RASAL3 (NM_022904) Human Tagged ORF Clone Lentiviral Particle
Symbol:	RASAL3
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_022904
ORF Size:	3033 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC212075).
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_022904.1</a>
RefSeq Size:	3290 bp
RefSeq ORF:	3036 bp
Locus ID:	64926
UniProt ID:	<a href="#">Q86YV0</a>
Cytogenetics:	19p13.12
MW:	111.7 kDa


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**Gene Summary:**

This gene belongs to the Ras GTPase-activating proteins (RasGAP) family and encodes a protein with pleckstrin homology (PH), C2, and Ras GTPase-activation protein (RasGAP) domains. This protein is localized near or at the plasma membrane when expressed exogenously. Reduced expression of this gene in some cell lines resulted in increased levels of the active form of Ras (Ras-GTP), suggesting that this gene may play a role in negatively regulating the Ras signaling pathway. Alternative splicing results in multiple transcript variants encoding different isoforms. [provided by RefSeq, Jan 2017]