

## Product datasheet for **RC220614L2V**

### ARHGAP22 (NM\_021226) Human Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	ARHGAP22 (NM_021226) Human Tagged ORF Clone Lentiviral Particle
Symbol:	ARHGAP22
Synonyms:	RhoGAP2; RhoGap22
Mammalian Cell Selection:	None
Vector:	pLenti-C-mGFP (PS100071)
Tag:	mGFP
ACCN:	NM_021226
ORF Size:	2094 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC220614).
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_021226.2</a>
RefSeq Size:	2775 bp
RefSeq ORF:	2097 bp
Locus ID:	58504
UniProt ID:	<a href="#">Q7Z5H3</a>
Cytogenetics:	10q11.22-q11.23
MW:	76.6 kDa



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**Gene Summary:**

This gene encodes a member of the GTPase activating protein family which activates a GTPase belonging to the RAS superfamily of small GTP-binding proteins. The encoded protein is insulin-responsive, is dependent on the kinase Akt and requires the Akt-dependent 14-3-3 binding protein which binds sequentially to two serine residues. The result of these interactions is regulation of cell motility. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Dec 2011]