

## Product datasheet for **RC228997L4V**

### **RASGRP3 (NM\_015376) Human Tagged ORF Clone Lentiviral Particle**

#### **Product data:**

Product Type:	Lentiviral Particles
Product Name:	RASGRP3 (NM_015376) Human Tagged ORF Clone Lentiviral Particle
Symbol:	RASGRP3
Synonyms:	GRP3
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_015376
ORF Size:	2067 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC228997).
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_015376.2</a> , <a href="#">NP_056191.1</a>
RefSeq Size:	4353 bp
RefSeq ORF:	2070 bp
Locus ID:	25780
UniProt ID:	<a href="#">Q8IV61</a>
Cytogenetics:	2p22.3
Domains:	RasGEFN, RasGEF, EFh, DAG_PE-bind
Protein Pathways:	B cell receptor signaling pathway, MAPK signaling pathway



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**MW:** 78.2 kDa

**Gene Summary:** The protein encoded by this gene is a guanine nucleotide exchange factor that activates the oncogenes HRAS and RAP1A. Defects in this gene have been associated with systemic lupus erythematosus and several cancers. [provided by RefSeq, Mar 2017]