

## Product datasheet for **RC207848L4V**

### **RASA3 (NM\_007368) Human Tagged ORF Clone Lentiviral Particle**

#### **Product data:**

Product Type:	Lentiviral Particles
Product Name:	RASA3 (NM_007368) Human Tagged ORF Clone Lentiviral Particle
Symbol:	RASA3
Synonyms:	GAP1IP4BP; GAPIII
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_007368
ORF Size:	2502 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC207848).
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_007368.2</a>
RefSeq Size:	4220 bp
RefSeq ORF:	2505 bp
Locus ID:	22821
UniProt ID:	<a href="#">Q14644</a>
Cytogenetics:	13q34
Domains:	C2, BTK, PH, RasGAP
MW:	95.7 kDa



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**Gene Summary:**

This gene encodes a protein that binds inositol 1,3,4,5-tetrakisphosphate and stimulates the GTPase activity of Ras p21. This protein functions as a negative regulator of the Ras signalling pathway. It is localized to the cell membrane via a pleckstrin homology (PH) domain in the C-terminal region. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Mar 2016]