

## Product datasheet for **RC222398L4V**

### **RALGDS (NM\_001042368) Human Tagged ORF Clone Lentiviral Particle**

#### **Product data:**

Product Type:	Lentiviral Particles
Product Name:	RALGDS (NM_001042368) Human Tagged ORF Clone Lentiviral Particle
Symbol:	RALGDS
Synonyms:	RalGEF; RGDS; RGF
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_001042368
ORF Size:	2577 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC222398).
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_001042368.1</a>
RefSeq Size:	3668 bp
RefSeq ORF:	2580 bp
Locus ID:	5900
UniProt ID:	<a href="#">Q12967</a>
Cytogenetics:	9q34.13-q34.2
Protein Pathways:	Colorectal cancer, Pancreatic cancer, Pathways in cancer
MW:	94.5 kDa



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**Gene Summary:**

Guanine nucleotide dissociation stimulators (GDSs, or exchange factors), such as RALGDS, are effectors of Ras-related GTPases (see MIM 190020) that participate in signaling for a variety of cellular processes.[supplied by OMIM, Nov 2010]