

Product datasheet for **RC210830L2V**

Rho GTPase activating protein 29 (ARHGAP29) (NM_004815) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Rho GTPase activating protein 29 (ARHGAP29) (NM_004815) Human Tagged ORF Clone Lentiviral Particle
Symbol:	Rho GTPase activating protein 29
Synonyms:	PARG1
Mammalian Cell Selection:	None
Vector:	pLenti-C-mGFP (PS100071)
Tag:	mGFP
ACCN:	NM_004815
ORF Size:	3783 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC210830).
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. More info
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:	NM_004815.2 , NP_004806.2
RefSeq Size:	9121 bp
RefSeq ORF:	3786 bp
Locus ID:	9411
UniProt ID:	Q52LW3
Cytogenetics:	1p22.1
Domains:	RhoGAP, DAG_PE-bind



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MW: 142.1 kDa

Gene Summary: Rap1 is a small GTPase that, through effectors, regulates Rho GTPase signaling. These effectors- Rasip1, Radil, and the protein encoded by this gene- translocate to the cell membrane, where they form a multiprotein complex. This complex is necessary for Rap1-induced inhibition of Rho signaling. Defects in this gene may be a cause of nonsyndromic cleft lip with or without cleft palate. [provided by RefSeq, Jun 2016]