

Product datasheet for **MR216047L4V**

Arhgap10 (NM_030113) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Arhgap10 (NM_030113) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Arhgap10
Synonyms:	A930033B01Rik; PSGAP-m; PSGAP-s
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_030113
ORF Size:	2358 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR216047).
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_030113.2 , NP_084389.2
RefSeq Size:	3038 bp
RefSeq ORF:	2361 bp
Locus ID:	78514
UniProt ID:	Q6Y5D8
Cytogenetics:	8 C1



[View online »](#)

Gene Summary:

GTPase activator for the small GTPases RhoA and Cdc42 by converting them to an inactive GDP-bound state. Essential for PTKB2 regulation of cytoskeletal organization via Rho family GTPases. Inhibits PAK2 proteolytic fragment PAK-2p34 kinase activity and changes its localization from the nucleus to the perinuclear region. Stabilizes PAK-2p34 thereby increasing stimulation of cell death.[UniProtKB/Swiss-Prot Function]