

Product datasheet for **RC201876L3V**

ARHGAP11A (NM_014783) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	ARHGAP11A (NM_014783) Human Tagged ORF Clone Lentiviral Particle
Symbol:	ARHGAP11A
Synonyms:	GAP (1-12)
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_014783
ORF Size:	3069 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC201876).
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_014783.2
RefSeq Size:	5616 bp
RefSeq ORF:	3072 bp
Locus ID:	9824
UniProt ID:	Q6P4F7
Cytogenetics:	15q13.3
Domains:	RhoGAP
MW:	113.7 kDa



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Gene Summary:

This gene encodes a member of the Rho GTPase activating protein family. In response to DNA damage, the encoded protein interacts with the p53 tumor suppressor protein and stimulates its tetramerization, which results in cell-cycle arrest and apoptosis. A chromosomal deletion that includes this gene is one cause of Prader-Willi syndrome, and an intronic variant of this gene may be associated with sleep duration in children. This gene is highly expressed in colon cancers and in a human basal-like breast cancer cell line. This gene also produces a ARHGAP11A-SCG5 readthrough transcript and ARHGAP11A-SCG5 protein. [provided by RefSeq, Feb 2019]