

Product datasheet for **RC227568L3V**

ARHGAP42 (NM_152432) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	ARHGAP42 (NM_152432) Human Tagged ORF Clone Lentiviral Particle
Symbol:	ARHGAP42
Synonyms:	AD031; GRAF3; TMEM133
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_152432
ORF Size:	2622 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC227568).
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_152432.2
RefSeq ORF:	2625 bp
Locus ID:	143872
UniProt ID:	A6NI28
Cytogenetics:	11q22.1
MW:	98.4 kDa



[View online »](#)

Gene Summary:

This gene encodes a Rho GTPase-activating protein (RhoGAP), and member of the GRAF or BAR-PH family of proteins. Expression of this gene is enriched in vascular smooth muscle cells and the encoded protein inhibits RhoA activity to regulate vascular tone and control blood pressure. A mutation in the first intron of this gene modulates its expression and is associated with reduced blood pressure in human patients with borderline hypertension. [provided by RefSeq, Jul 2017]