

Product datasheet for **RC204530L4V**

ARHGEF1 (NM_004706) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	ARHGEF1 (NM_004706) Human Tagged ORF Clone Lentiviral Particle
Symbol:	ARHGEF1
Synonyms:	GEF1; IMD62; LBCL2; LSC; P115-RHOGEF; SUB1.5
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_004706
ORF Size:	2784 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC204530).
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_004706.3 , NP_004697.2
RefSeq Size:	3236 bp
RefSeq ORF:	2739 bp
Locus ID:	9138
UniProt ID:	Q92888
Cytogenetics:	19q13.2
Domains:	RhoGEF, PH
Protein Pathways:	Regulation of actin cytoskeleton, Vascular smooth muscle contraction



[View online »](#)

MW: 104.1 kDa

Gene Summary: Rho GTPases play a fundamental role in numerous cellular processes that are initiated by extracellular stimuli that work through G protein coupled receptors. The encoded protein may form complex with G proteins and stimulate Rho-dependent signals. Multiple alternatively spliced transcript variants have been found for this gene, but the full-length nature of some variants has not been defined. [provided by RefSeq, Jul 2008]