

Product datasheet for **RC215591L4V**

ARHGEF4 (NM_015320) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	ARHGEF4 (NM_015320) Human Tagged ORF Clone Lentiviral Particle
Symbol:	ARHGEF4
Synonyms:	ASEF; ASEF1; GEF4; SMIM39; STM6
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_015320
ORF Size:	2070 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC215591).
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_015320.2
RefSeq Size:	3667 bp
RefSeq ORF:	2073 bp
Locus ID:	50649
UniProt ID:	Q9NR80
Cytogenetics:	2q21.1
Protein Families:	Druggable Genome
Protein Pathways:	Regulation of actin cytoskeleton



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MW: 78.9 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 protein encoded by this gene may form complex with G proteins and stimulate Rho-dependent signals. Multiple alternatively spliced transcript variants encoding different isoforms have been found, but the full-length nature of some variants has not been determined. [provided by RefSeq, Jun 2013]