

## Product datasheet for **RC215166L3V**

### ARHGEF5 (NM\_005435) Human Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	ARHGEF5 (NM_005435) Human Tagged ORF Clone Lentiviral Particle
Symbol:	ARHGEF5
Synonyms:	GEF5; P60; TIM; TIM1
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_005435
ORF Size:	4791 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC215166).
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. <a href="#">More info</a>
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:	<a href="#">NM_005435.3</a>
RefSeq Size:	5505 bp
RefSeq ORF:	4794 bp
Locus ID:	7984
UniProt ID:	<a href="#">Q12774</a>
Cytogenetics:	7q35
Domains:	RhoGEF, SH3, PH
Protein Families:	Druggable Genome



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**MW:** 176.8 kDa

**Gene Summary:** Rho GTPases play a fundamental role in numerous cellular processes initiated by extracellular stimuli that work through G protein coupled receptors. The encoded protein may form a complex with G proteins and stimulate Rho-dependent signals. This protein may be involved in the control of cytoskeletal organization. [provided by RefSeq, Jul 2008]