

Product datasheet for **RC224785L3V**

LARG (ARHGEF12) (NM_015313) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	LARG (ARHGEF12) (NM_015313) Human Tagged ORF Clone Lentiviral Particle
Symbol:	LARG
Synonyms:	LARG; PRO2792
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_015313
ORF Size:	4632 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC224785).
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_015313.1 , NP_056128.1
RefSeq Size:	9501 bp
RefSeq ORF:	4635 bp
Locus ID:	23365
UniProt ID:	Q9NZN5
Cytogenetics:	11q23.3
Domains:	RhoGEF, PDZ, PH
Protein Pathways:	Axon guidance, Regulation of actin cytoskeleton, Vascular smooth muscle contraction



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MW: 173.1 kDa

Gene Summary: Rho GTPases play a fundamental role in numerous cellular processes that are initiated by extracellular stimuli working through G protein-coupled receptors. The encoded protein may form a complex with G proteins and stimulate Rho-dependent signals. This protein has been observed to form a myeloid/lymphoid fusion partner in acute myeloid leukemia. Three transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jul 2014]