

## Product datasheet for **RC231171L4V**

### LIMS1 (NM\_001193483) Human Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	LIMS1 (NM_001193483) Human Tagged ORF Clone Lentiviral Particle
Symbol:	LIMS1
Synonyms:	PINCH; PINCH-1; PINCH1
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_001193483
ORF Size:	1011 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC231171).
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_001193483.1</a>
RefSeq ORF:	1014 bp
Locus ID:	3987
UniProt ID:	<a href="#">P48059</a>
Cytogenetics:	2q12.3
Protein Families:	Druggable Genome
MW:	38.9 kDa



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**Gene Summary:**

The protein encoded by this gene is an adaptor protein which contains five LIM domains, or double zinc fingers. The protein is likely involved in integrin signaling through its LIM domain-mediated interaction with integrin-linked kinase, found in focal adhesion plaques. It is also thought to act as a bridge linking integrin-linked kinase to NCK adaptor protein 2, which is involved in growth factor receptor kinase signaling pathways. Its localization to the periphery of spreading cells also suggests that this protein may play a role in integrin-mediated cell adhesion or spreading. Several transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jul 2010]