

## Product datasheet for **RC224539L4V**

### LPP (NM\_005578) Human Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	LPP (NM_005578) Human Tagged ORF Clone Lentiviral Particle
Symbol:	LPP
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_005578
ORF Size:	1836 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC224539).
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_005578.2</a>
RefSeq Size:	18296 bp
RefSeq ORF:	1839 bp
Locus ID:	4026
UniProt ID:	<a href="#">Q93052</a>
Cytogenetics:	3q27.3-q28
Domains:	LIM
MW:	65.7 kDa



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**Gene Summary:**

This gene encodes a member of a subfamily of LIM domain proteins that are characterized by an N-terminal proline-rich region and three C-terminal LIM domains. The encoded protein localizes to the cell periphery in focal adhesions and may be involved in cell-cell adhesion and cell motility. This protein also shuttles through the nucleus and may function as a transcriptional co-activator. This gene is located at the junction of certain disease-related chromosomal translocations, which result in the expression of chimeric proteins that may promote tumor growth. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jul 2014]