

Product datasheet for **RC212893L4V**

Liprin alpha 1 (PPFIA1) (NM_177423) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Liprin alpha 1 (PPFIA1) (NM_177423) Human Tagged ORF Clone Lentiviral Particle
Symbol:	Liprin alpha 1
Synonyms:	LIP.1; LIP1; LIPRIN
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_177423
ORF Size:	3555 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC212893).
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_177423.1
RefSeq Size:	3945 bp
RefSeq ORF:	3558 bp
Locus ID:	8500
UniProt ID:	Q13136
Cytogenetics:	11q13.3
Protein Families:	Druggable Genome, Phosphatase
MW:	133.8 kDa



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Gene Summary:

The protein encoded by this gene is a member of the LAR protein-tyrosine phosphatase-interacting protein (liprin) family. Liprins interact with members of LAR family of transmembrane protein tyrosine phosphatases, which are known to be important for axon guidance and mammary gland development. This protein binds to the intracellular membrane-distal phosphatase domain of tyrosine phosphatase LAR, and appears to localize LAR to cell focal adhesions. This interaction may regulate the disassembly of focal adhesion and thus help orchestrate cell-matrix interactions. Alternatively spliced transcript variants encoding distinct isoforms have been described. [provided by RefSeq, Jul 2008]