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Product datasheet for RC204327L4V

Leupaxin (LPXN) (NM_004811) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Leupaxin (LPXN) (NM_004811) Human Tagged ORF Clone Lentiviral Particle
Symbol:	Leupaxin
Synonyms:	LDPL
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_004811
ORF Size:	1158 bp
ORF Nucleotide Sequence:	`The ORF insert of this clone is exactly the same as(RC204327).`
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_004811.1
RefSeq Size:	1926 bp
RefSeq ORF:	1161 bp
Locus ID:	9404
UniProt ID:	O60711
Cytogenetics:	11q12.1
Domains:	LIM
Protein Families:	Druggable Genome

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MW: 43.3 kDa

Gene Summary: The product encoded by this gene is preferentially expressed in hematopoietic cells and belongs to the paxillin protein family. Similar to other members of this focal-adhesion-associated adaptor-protein family, it has four leucine-rich LD-motifs in the N-terminus and four LIM domains in the C-terminus. It may function in cell type-specific signaling by associating with PYK2, a member of focal adhesion kinase family. As a substrate for a tyrosine kinase in lymphoid cells, this protein may also function in, and be regulated by, tyrosine kinase activity. Alternative splicing results in multiple transcript variants encoding distinct isoforms.[provided by RefSeq, Jan 2009]