

## Product datasheet for **RC204722L4V**

### LDB2 (NM\_001290) Human Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	LDB2 (NM_001290) Human Tagged ORF Clone Lentiviral Particle
Symbol:	LDB2
Synonyms:	CLIM1; LDB-2; LDB1
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_001290
ORF Size:	1119 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC204722).
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_001290.2</a>
RefSeq Size:	2560 bp
RefSeq ORF:	1122 bp
Locus ID:	9079
UniProt ID:	<a href="#">O43679</a>
Cytogenetics:	4p15.32
Domains:	LIM_bind
MW:	42.8 kDa



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**Gene Summary:**

The protein encoded by this gene belongs to the LIM-domain binding family. Members of this family are characterized by a conserved nuclear localization sequence, an amino-terminal homodimerization domain and a carboxy-terminal LIM interaction domain. These proteins function as adapter molecules to allow assembly of transcriptional regulatory complexes. Genetic association studies suggest functions for this gene in rhegmatogenous retinal detachment and coronary artery disease. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jan 2015]