

## Product datasheet for **MR227647L4V**

### **Pdlim5 (NM\_022554) Mouse Tagged ORF Clone Lentiviral Particle**

#### **Product data:**

Product Type:	Lentiviral Particles
Product Name:	Pdlim5 (NM_022554) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Pdlim5
Synonyms:	1110001A05Rik; AI987914; C87059; Enh; Enh1; Enh2; Enh3; LIM
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_022554
ORF Size:	717 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR227647).
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_022554.3</a> , <a href="#">NP_072048.2</a>
RefSeq Size:	2010 bp
RefSeq ORF:	720 bp
Locus ID:	56376
Cytogenetics:	3 H1



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**Gene Summary:**

May play an important role in the heart development by scaffolding PKC to the Z-disk region. Isoform 2 and isoform 3 may negatively modulate the scaffolding activity of isoform 1. May play a role in the regulation of cardiomyocyte expansion. Overexpression promotes the development of heart hypertrophy. Contributes to the regulation of dendritic spine morphogenesis in neurons. May restrain postsynaptic growth of excitatory synapses (By similarity).[UniProtKB/Swiss-Prot Function]