

Product datasheet for **MR211106L4V**

Limch1 (BC075634) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Limch1 (BC075634) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Limch1
Synonyms:	mKIAA1102
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	BC075634
ORF Size:	2703 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR211106).
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:	BC075634
RefSeq Size:	4698 bp
RefSeq ORF:	2705 bp
Locus ID:	77569
Cytogenetics:	5 C3.1



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Gene Summary:

Actin stress fibers-associated protein that activates non-muscle myosin IIa. Activates the non-muscle myosin IIa complex by promoting the phosphorylation of its regulatory subunit MRLC/MYL9. Through the activation of non-muscle myosin IIa, positively regulates actin stress fibers assembly and stabilizes focal adhesions. It therefore negatively regulates cell spreading and cell migration.[UniProtKB/Swiss-Prot Function]