OriGene Technologies, Inc.
9620 Medical Center Drive, Ste 200
Rockville, MD 20850, US
Phone: +1-888-267-4436
https://www.origene.com
techsupport@origene.com
EU: info-de@origene.com
CN: techsupport@origene.cn

Product datasheet for RC224925L3V

Myosin (MYL6) (NM_079423) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Myosin (MYL6) (NM_079423) Human Tagged ORF Clone Lentiviral Particle
Symbol:	Myosin
Synonyms:	ESMLC; LC17; LC17-GI; LC17-NM; LC17A; LC17B; MLC-3; MLC1SM; MLC3NM; MLC3SM
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_079423
ORF Size:	453 bp
ORF Nucleotide Sequence:	`The ORF insert of this clone is exactly the same as(RC224925).`
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_079423.2
RefSeq Size:	782 bp
RefSeq ORF:	456 bp
Locus ID:	4637
UniProt ID:	P60660
Cytogenetics:	12q13.2
Domains:	EFh
Protein Families:	Druggable Genome

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Protein Pathways: Vascular smooth muscle contraction

MW: 17 kDa

Gene Summary: Myosin is a hexameric ATPase cellular motor protein. It is composed of two heavy chains, two nonphosphorylatable alkali light chains, and two phosphorylatable regulatory light chains. This gene encodes a myosin alkali light chain that is expressed in smooth muscle and non-muscle tissues. Genomic sequences representing several pseudogenes have been described and two transcript variants encoding different isoforms have been identified for this gene. [provided by RefSeq, Jul 2008]