

## Product datasheet for **RC202750L3V**

### myosin light chain 1 (MYL1) (NM\_079422) Human Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	myosin light chain 1 (MYL1) (NM_079422) Human Tagged ORF Clone Lentiviral Particle
Symbol:	myosin light chain 1
Synonyms:	MLC1F; MLC3F; MYOFTA
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_079422
ORF Size:	450 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC202750).
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_079422.1</a>
RefSeq Size:	862 bp
RefSeq ORF:	453 bp
Locus ID:	4632
UniProt ID:	<a href="#">P05976</a>
Cytogenetics:	2q34
Domains:	EFh
MW:	16.7 kDa



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**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 expressed in fast skeletal muscle. Two transcript variants have been identified for this gene. [provided by RefSeq, Jul 2008]