

## Product datasheet for **RC213170L2V**

### Myosin (MYL4) (NM\_002476) Human Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	Myosin (MYL4) (NM_002476) Human Tagged ORF Clone Lentiviral Particle
Symbol:	Myosin
Synonyms:	ALC1; AMLC; GT1; PRO1957
Mammalian Cell Selection:	None
Vector:	pLenti-C-mGFP (PS100071)
Tag:	mGFP
ACCN:	NM_002476
ORF Size:	591 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC213170).
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_002476.2</a> , <a href="#">NP_002467.1</a>
RefSeq Size:	855 bp
RefSeq ORF:	594 bp
Locus ID:	4635
UniProt ID:	<a href="#">P12829</a>
Cytogenetics:	17q21.32
MW:	21.6 kDa



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**Gene Summary:**

Myosin is a hexameric ATPase cellular motor protein. It is composed of two myosin heavy chains, two nonphosphorylatable myosin alkali light chains, and two phosphorylatable myosin regulatory light chains. This gene encodes a myosin alkali light chain that is found in embryonic muscle and adult atria. Two alternatively spliced transcript variants encoding the same protein have been found for this gene. [provided by RefSeq, Jul 2008]