

## Product datasheet for **RC222478L4V**

### Myocardin (MYOCD) (NM\_153604) Human Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	Myocardin (MYOCD) (NM_153604) Human Tagged ORF Clone Lentiviral Particle
Symbol:	Myocardin
Synonyms:	MGBL; MYCD
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_153604
ORF Size:	2814 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC222478).
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_153604.1</a> , <a href="#">NP_705832.1</a>
RefSeq Size:	2817 bp
RefSeq ORF:	2817 bp
Locus ID:	93649
UniProt ID:	<a href="#">Q8IZQ8</a>
Cytogenetics:	17p12
Protein Families:	Transcription Factors
MW:	101.8 kDa



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**Gene Summary:**

This gene encodes a nuclear protein, which is expressed in heart, aorta, and in smooth muscle cell-containing tissues. It functions as a transcriptional co-activator of serum response factor (SRF) and modulates expression of cardiac and smooth muscle-specific SRF-target genes, and thus may play a crucial role in cardiogenesis and differentiation of the smooth muscle cell lineage. Alternatively spliced transcript variants encoding different isoforms have been found for this gene.[provided by RefSeq, Sep 2009]