

## Product datasheet for **RC210156L2V**

### **MYF5 (NM\_005593) Human Tagged ORF Clone Lentiviral Particle**

#### **Product data:**

Product Type:	Lentiviral Particles
Product Name:	MYF5 (NM_005593) Human Tagged ORF Clone Lentiviral Particle
Symbol:	MYF5
Synonyms:	bHLHc2; EORVA
Mammalian Cell Selection:	None
Vector:	pLenti-C-mGFP (PS100071)
Tag:	mGFP
ACCN:	NM_005593
ORF Size:	765 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC210156).
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_005593.1</a>
RefSeq Size:	1427 bp
RefSeq ORF:	768 bp
Locus ID:	4617
UniProt ID:	<a href="#">P13349</a>
Cytogenetics:	12q21.31
Domains:	HLH, Basic
Protein Families:	Druggable Genome, Transcription Factors



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**MW:** 28.1 kDa

**Gene Summary:** Transcriptional activator that promotes transcription of muscle-specific target genes and plays a role in muscle differentiation (PubMed:29887215). Together with MYOG and MYOD1, co-occupies muscle-specific gene promoter core region during myogenesis. Induces fibroblasts to differentiate into myoblasts. Probable sequence specific DNA-binding protein. [UniProtKB/Swiss-Prot Function]