

## Product datasheet for **RC204705L2V**

### **MYF6 (NM\_002469) Human Tagged ORF Clone Lentiviral Particle**

#### **Product data:**

Product Type:	Lentiviral Particles
Product Name:	MYF6 (NM_002469) Human Tagged ORF Clone Lentiviral Particle
Symbol:	MYF6
Synonyms:	bHLHc4; CNM3; MRF4; myf-6
Mammalian Cell Selection:	None
Vector:	pLenti-C-mGFP (PS100071)
Tag:	mGFP
ACCN:	NM_002469
ORF Size:	726 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC204705).
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_002469.1</a>
RefSeq Size:	1342 bp
RefSeq ORF:	729 bp
Locus ID:	4618
UniProt ID:	<a href="#">P23409</a>
Cytogenetics:	12q21.31
Protein Families:	Druggable Genome, Transcription Factors
MW:	27 kDa



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**Gene Summary:**

The protein encoded by this gene is a probable basic helix-loop-helix (bHLH) DNA binding protein involved in muscle differentiation. The encoded protein likely acts as a heterodimer with another bHLH protein. Defects in this gene are a cause of autosomal dominant centronuclear myopathy (ADCNM). [provided by RefSeq, May 2010]