

## Product datasheet for **RC208753L4V**

### Myogenin (MYOG) (NM\_002479) Human Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	Myogenin (MYOG) (NM_002479) Human Tagged ORF Clone Lentiviral Particle
Symbol:	Myogenin
Synonyms:	bHLHc3; myf-4; MYF4
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_002479
ORF Size:	672 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC208753).
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_002479.3</a>
RefSeq Size:	1576 bp
RefSeq ORF:	675 bp
Locus ID:	4656
UniProt ID:	<a href="#">P15173</a>
Cytogenetics:	1q32.1
Protein Families:	Druggable Genome, Transcription Factors
MW:	25 kDa



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**Gene Summary:**

Myogenin is a muscle-specific transcription factor that can induce myogenesis in a variety of cell types in tissue culture. It is a member of a large family of proteins related by sequence homology, the helix-loop-helix (HLH) proteins. It is essential for the development of functional skeletal muscle. [provided by RefSeq, Jul 2008]