

## Product datasheet for **RC206448L4V**

### Myozenin 1 (MYOZ1) (NM\_021245) Human Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	Myozenin 1 (MYOZ1) (NM_021245) Human Tagged ORF Clone Lentiviral Particle
Symbol:	Myozenin 1
Synonyms:	CS-2; FATZ; MYOZ
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_021245
ORF Size:	897 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC206448).
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_021245.2</a>
RefSeq Size:	1583 bp
RefSeq ORF:	900 bp
Locus ID:	58529
UniProt ID:	<a href="#">Q9NP98</a>
Cytogenetics:	10q22.2
MW:	31.7 kDa



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**Gene Summary:**

The protein encoded by this gene is primarily expressed in the skeletal muscle, and belongs to the myozenin family. Members of this family function as calcineurin-interacting proteins that help tether calcineurin to the sarcomere of cardiac and skeletal muscle. They play an important role in modulation of calcineurin signaling. [provided by RefSeq, Apr 2012]