

Product datasheet for **RR202859L4V**

Myog (NM_017115) Rat Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Myog (NM_017115) Rat Tagged ORF Clone Lentiviral Particle
Symbol:	Myog
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_017115
ORF Size:	672 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RR202859).
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. More info
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:	NM_017115.2 , NP_058811.2
RefSeq Size:	1448 bp
RefSeq ORF:	675 bp
Locus ID:	29148
UniProt ID:	P20428
Cytogenetics:	13q13



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Gene Summary:

This gene belongs to the myogenic factor subfamily of the basic helix-loop-helix (BHLH) family of transcription factors. The protein encoded by this gene is a muscle-specific skeletal myogenin, which acts in concert with other family members to regulate myogenesis. The protein plays an essential role in the conversion of undifferentiated cells to myoblasts and functional skeletal muscle. [provided by RefSeq, Jul 2008]