

## Product datasheet for **MR221651L4V**

### MyI1 (NM\_021285) Mouse Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	MyI1 (NM_021285) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	MyI1
Synonyms:	AI325107; D12Mgi4; MLC1; MLC1f; MLC3; MLC3f; MyI; MyIf
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_021285
ORF Size:	564 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR221651).
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_021285.3</a> , <a href="#">NP_067260.1</a>
RefSeq Size:	1003 bp
RefSeq ORF:	567 bp
Locus ID:	17901
UniProt ID:	<a href="#">P05977</a>
Cytogenetics:	1 33.71 cM



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**Gene Summary:**

Myosin is a hexameric ATPase cellular motor protein. It is composed of two heavy chains, two non-phosphorylatable alkali light chains, and two phosphorylatable regulatory light chains. This gene encodes a myosin alkali light chain expressed in fast skeletal muscle. Multiple transcript variants encoding different isoforms have been identified for this gene. [provided by RefSeq, Jul 2008]