

Product datasheet for **MR203494L4V**

Myoz2 (NM_021503) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Myoz2 (NM_021503) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Myoz2
Synonyms:	1110012I24Rik; Fatz-2; Myozl2
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_021503
ORF Size:	795 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR203494).
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_021503.1 , NP_067478.1
RefSeq Size:	1153 bp
RefSeq ORF:	795 bp
Locus ID:	59006
UniProt ID:	Q9JW5
Cytogenetics:	3 G1



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Gene Summary:

Myozenins may serve as intracellular binding proteins involved in linking Z line proteins such as alpha-actinin, gamma-filamin, TCAP/telethonin, LDB3/ZASP and localizing calcineurin signaling to the sarcomere. Plays an important role in the modulation of calcineurin signaling. May play a role in myofibrillogenesis.[UniProtKB/Swiss-Prot Function]