

Product datasheet for **MR218062L3V**

Myo1c (NM_001080775) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Myo1c (NM_001080775) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Myo1c
Synonyms:	C80397; mm1bet; mm1beta; MM1b; MYO1E; myr; myr2; NMI
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_001080775
ORF Size:	3132 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR218062).
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_001080775.1 , NP_001074244.1
RefSeq Size:	5311 bp
RefSeq ORF:	3135 bp
Locus ID:	17913
UniProt ID:	Q9WTI7
Cytogenetics:	11 45.92 cM


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Gene Summary:

This gene encodes a member of the unconventional myosin protein family, which are actin-based molecular motors. The protein is found in the cytoplasm, and one isoform with a unique N-terminus is also found in the nucleus. The protein functions in intracellular vesicle transport to the plasma membrane. The nuclear isoform associates with RNA polymerase I and II and functions in transcription initiation. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jul 2008]