

Product datasheet for **RC221689L4V**

MYO1B (NM_012223) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	MYO1B (NM_012223) Human Tagged ORF Clone Lentiviral Particle
Symbol:	MYO1B
Synonyms:	MMI-alpha; MMIa; MYH-1c; myr1
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_012223
ORF Size:	3234 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC221689).
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_012223.2
RefSeq Size:	4825 bp
RefSeq ORF:	3237 bp
Locus ID:	4430
UniProt ID:	O43795
Cytogenetics:	2q32.3
Domains:	myosin_head
MW:	124.8 kDa



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Gene Summary:

Motor protein that may participate in process critical to neuronal development and function such as cell migration, neurite outgrowth and vesicular transport.[UniProtKB/Swiss-Prot Function]