

Product datasheet for **RC216078L4V**

Myosin IIIB (MYO3B) (NM_001083615) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Myosin IIIB (MYO3B) (NM_001083615) Human Tagged ORF Clone Lentiviral Particle
Symbol:	Myosin IIIB
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_001083615
ORF Size:	3942 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC216078).
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_001083615.1
RefSeq Size:	5448 bp
RefSeq ORF:	3945 bp
Locus ID:	140469
UniProt ID:	Q8WXR4
Cytogenetics:	2q31.1
Protein Families:	Druggable Genome, Protein Kinase
MW:	148.4 kDa



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Gene Summary:

This gene encodes one of the class III myosins. Myosins are ATPases, activated by actin, that move along actin filaments in the cell. This class of myosins are characterized by an amino-terminal kinase domain and shown to be present in photoreceptors. Alternative splicing results in multiple transcript variants encoding different isoforms. [provided by RefSeq, Mar 2014]