

Product datasheet for **RC213583L2V**

MYLK2 (NM_033118) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	MYLK2 (NM_033118) Human Tagged ORF Clone Lentiviral Particle
Symbol:	MYLK2
Synonyms:	KMLC; MLCK; MLCK2; skMLCK
Mammalian Cell Selection:	None
Vector:	pLenti-C-mGFP (PS100071)
Tag:	mGFP
ACCN:	NM_033118
ORF Size:	1788 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC213583).
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_033118.2
RefSeq Size:	2793 bp
RefSeq ORF:	1791 bp
Locus ID:	85366
UniProt ID:	Q9H1R3
Cytogenetics:	20q11.21
Protein Families:	Druggable Genome, Protein Kinase



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Protein Pathways: Calcium signaling pathway, Focal adhesion, Regulation of actin cytoskeleton, Vascular smooth muscle contraction

MW: 64.7 kDa

Gene Summary: This gene encodes a myosin light chain kinase, a calcium/calmodulin dependent enzyme, that is exclusively expressed in adult skeletal muscle. [provided by RefSeq, Jul 2008]