

Product datasheet for **RC213583L4V**

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: | Puromycin |
| Vector: | pLenti-C-mGFP-P2A-Puro (PS100093) |
| 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 |



[View online »](#)

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]