



Recombinant Mouse Myosin light chain kinase 2, skeletal/cardiac muscle (Myk2)

Product Code	CSB-EP823738MO-B
Abbreviation	Myk2
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
Uniprot No.	Q8VCR8
Product Type	Recombinant Protein
Immunogen Species	Mus musculus (Mouse)
Purity	>85% (SDS-PAGE)
Sequence	TTENGAVEL GSQSLSTEQT PKAAAGDGPS ASEKEPSAPA TEKDLSPNA KKDPGAPDPK NNPDPPLK DPAKAPGPEK KGDPVPASAS SQGPSGEGDG GGGPAEGSEG PPAALPLPTA TAEASIQKLD PTQAPSGNQG SGEAKAGKKA AECREAGRRG SPAFLHSPSC PAIISCSEKT LAVKPLSETT DLVFTGVSVT PDPQDPGPVK AGGTNALAEK KKEEA EKASG QAGQAKVQGD TPQRIGFQAV PSERVEVGQA LCLTAREEDC FQILDDCPPP PAPFPHRIVE LRTGNVNSEF SMNSKEALGG GKFGAVCTCT ERATGLKLAA KVIKKQTPKD KEMVLEIEV MNQLNHRNLI QLYAAIETSH EILFMEYIE GGELFERIVD EDYHLTEVDT MVFVRQICDG ILFMHKMRVL HLDLKPENIL CVNTTGHLVK IIFDGLARRY NPNEKLKVNFGTPEFLSPEV VNYDQISDKT DMWSLGVITY MLLSGLSPFL GDDDTETLNN VLSANWYFDE ETFEAVSDEA KDFVSNLLTK DQSARMSAEQ CLAHPWLNNL AEKAKRCNRR LKSQILLKKY LMKRRWKKNF IAVSAANRFK KISSSGALMA LGV
Source	E.coli
Target Names	Myk2
Protein Names	Recommended name: Myosin light chain kinase 2, skeletal/cardiac muscle Short name= MLCK2 EC= 2.7.11.18
Expression Region	2-613
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag type will be determined during the manufacturing process.
Protein Length	Full Length of Mature Protein
Target Details	This gene encodes a myosin light chain kinase, a calcium/calmodulin dependent enzyme, that is exclusively expressed in adult skeletal muscle.
Reconstitution	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final



concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.

Shelf Life

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