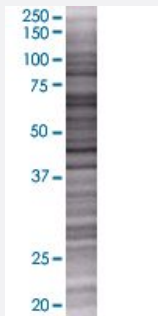


MYLK2 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # H00085366-T01

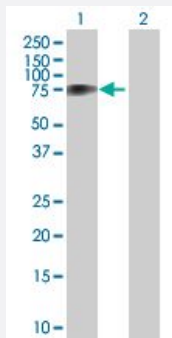
Size 100 uL

Applications



SDS-PAGE Gel

MYLK2 transfected lysate.



Western Blot

Lane 1: MYLK2 transfected lysate (64.7 KDa)

Lane 2: Non-transfected lysate.

Specification

Transfected Cell Line	293T
Plasmid	pCMV-MYLK2 full-length
Host	Human
Theoretical MW (kDa)	64.7
Interspecies Antigen Sequence	Mouse (80)

Quality Control Testing

Transient overexpression cell lysate was tested with Anti-MYLK2 antibody ([H00085366-B01](#)) by Western Blots.
SDS-PAGE Gel
MYLK2 transfected lysate.
Western Blot
Lane 1: MYLK2 transfected lysate (64.7 KDa)
Lane 2: Non-transfected lysate.

Storage Buffer

1X Sample Buffer (50 mM Tris-HCl, 2% SDS, 10% glycerol, 300 mM 2-mercaptoethanol, 0.01% Bromophenol blue)

Storage Instruction

Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot

Gene Info — MYLK2

Entrez GeneID

[85366](#)

GeneBank Accession#

[NM_033118.2](#)

Protein Accession#

[NP_149109.1](#)

Gene Name

MYLK2

Gene Alias

KMLC, MLCK, MLCK2, skMLCK

Gene Description

myosin light chain kinase 2

Omim ID

[192600 606566](#)

Gene Ontology

[Hyperlink](#)

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]

Other Designations

OTTHUMP00000030560|OTTHUMP00000030561|OTTHUMP00000030562|myosin light chain kinase 2, skeletal muscle|skeletal muscle myosin light chain kinase|skeletal myosin light chain kinase

Pathway

- [Calcium signaling pathway](#)
- [Focal adhesion](#)
- [Regulation of actin cytoskeleton](#)
- [Vascular smooth muscle contraction](#)

Disease

- [Neoplasms](#)