

Active Recombinant Human MYLK2 Protein, GST/His-tagged

Cat. No. MYLK2-5824H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human MYLK2 (NM_033118.2, 1 a.a. - 596 a.a.) full-length recombinant protein with GST-His tag expressed in Sf9 cells.
Species	Human
Source	Insect Cells
Description	This gene encodes a myosin light chain kinase, a calcium/calmodulin dependent enzyme, that is exclusively expressed in adult skeletal muscle. [provided by RefSeq
Form	Liquid
Bio-activity	1180 pmol/μg x min
Molecular Mass	95.209 kDa
Applications	Functional Study SDS-PAGE
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Concentration	0.154 μg/μL
Storage Buffer	In 50 mM Tris-HCl, 100 mM NaCl, pH 8.0. (5 mM DTT, 4 mM reduced glutathione, 20% glycerol)

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 45-1 Ramsey Road, Shirley, NY 11967, USA

GENE INFORMATION

Gene Name MYLK2 myosin light chain kinase 2 [Homo sapiens]

Official Symbol MYLK2

Synonyms MYLK2; myosin light chain kinase 2; myosin light chain kinase 2, skeletal muscle; myosin light chain kinase 2, skeletal/cardiac muscle; KMLC; MLCK2; skeletal muscle myosin light chain kinase; skMLCK; MLCK;

Gene ID 85366

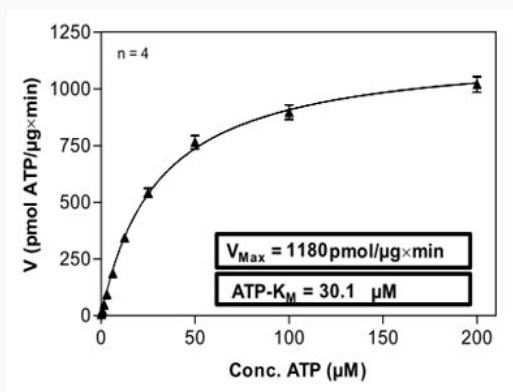
mRNA Refseq NM_033118

Protein Refseq NP_149109

MIM 606566

UniProt ID Q9H1R3

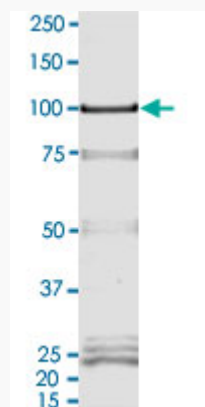
Result of activity analysis



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Quality Control**Testing:**

2 µg/lane SDS-PAGE Stained with Coomassie Blue

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