

Recombinant Human MYLK2 Protein, GST-tagged

Cat. No. MYLK2-5825H **Lot. No.** (See product label)

SPECIFICATION

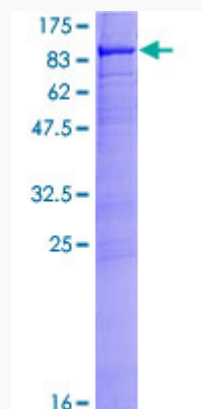
Product Overview	Human MYLK2 full-length ORF (NP_149109.1, 1 a.a. - 596 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
Description	This gene encodes a myosin light chain kinase, a calcium/calmodulin dependent enzyme, that is exclusively expressed in adult skeletal muscle. [provided by RefSeq
Molecular Mass	91.1 kDa
AA Sequence	MATENGAVELGIQNPSTDKAPKGPTGERPLAAGKDPGPPDPKKAPDPPTLKKDAKA PASEKGDGTLAQPSTSSQGPKGEGDRGGGPAEGSAGPPAALPQQTATPETS VKKP KAEQGASGSQDPGKPRVGKAAEGQAAARRGSPAFLHSPSCPAIISSEKLLAKKP PSEASELTFEGVPMTHSPTDPRPAKAEKGKNI LAESQKEVGEKTPGQAGQAKMQG DTSRGIEFQAVPSEKSEVGQALCLTAREEDCFQILDDCPPPPAPFPHRMVELRTGNV SSEFSMNSKEALGGGKFGAVCTCMEKATGLKLA AKVIKKQTPKDKEMV LLEIEVMN QLNHRNLIQLYAAIETPHEIVLFMEYIEGGELFERIVDE DYHLTEVD TMVFVRQICD GIL FMHKMRVLHLDLKPENILCVNTTGHLVKIIDFGLARRYNPN EKLKVNFGTPEFLSPEV VNYDQISDKTDMWSMGVITYMLLSGLSPFLGDDDTETLNNVLSGNWYFDEETFEAV SDEAKDFVSNLIVKDQRRARMNAAQCLAHPWLNNLA EKAKRCNRRLKSQILLKKYLM KRRWKKNFIAVSAANRFKKISSSGALMALGV
Applications	Enzyme-linked Immunoabsorbent Assay

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

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

	Western Blot (Recombinant protein) Antibody Production Protein Array
Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
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

Quality Control**Testing:**

12.5% SDS-PAGE Stained with Coomassie Blue.

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