

Recombinant Mouse Mylk2 Protein, Myc/DDK-tagged

Cat. No. Mylk2-4257M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length myosin, light polypeptide kinase 2, skeletal muscle (Mylk2), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Implicated in the level of global muscle contraction and cardiac function. Phosphorylates a specific serine in the N-terminus of a myosin light chain.
Molecular Mass	66 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade after receiving vials.
Concentration	>50 µg/mL as determined by microplate BCA method
Storage Buffer	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

GENE INFORMATION

 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

Gene Name	Mylk2 myosin, light polypeptide kinase 2, skeletal muscle [Mus musculus (house mouse)]
Official Symbol	Mylk2
Synonyms	Mylk2; myosin, light polypeptide kinase 2, skeletal muscle; BB138278; 9830004H17Rik; myosin light chain kinase 2, skeletal/cardiac muscle; MLCK2; EC 2.7.11.18
Gene ID	228785
mRNA Refseq	NM_001081044
Protein Refseq	NP_001074513
UniProt ID	Q8VCR8

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