

Recombinant Mouse Myl1 Protein, Myc/DDK-tagged

Cat. No. Myl1-4248M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length myosin, light polypeptide 1 (Myl1), transcript variant 1f, with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Myosin is a hexameric ATPase cellular motor protein. It is composed of two heavy chains, two non-phosphorylatable alkali light chains, and two phosphorylatable regulatory light chains. This gene encodes a myosin alkali light chain expressed in fast skeletal muscle. Multiple transcript variants encoding different isoforms have been identified for this gene.
Molecular Mass	20.6 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.

 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 INFORMATION

Gene Name Myl1 myosin, light polypeptide 1 [Mus musculus (house mouse)]

Official Symbol Myl1

Synonyms MYL1; myosin, light polypeptide 1; myosin light chain 1/3, skeletal muscle isoform; MLC1/MLC3; MLC1F/MLC3F; A1 catalytic; A2 catalytic; myosin light chain A1/A2; myosin light chain alkali 1/2; myosin light chain, alkali, fast skeletal muscle; myosin, light polypeptide 1, alkali; atrial, embryonic; myosin, light polypeptide 4, alkali; Mylf; MLC1f; MLC3f; AI325107

Gene ID 17901

mRNA Refseq NM_021285

Protein Refseq NP_067260

UniProt ID P05977

 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