

Recombinant Human MYL9 protein, His-tagged

Cat. No. MYL9-6744H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human MYL9 protein(P24844)(2-172aa), fused with C-terminal His tag, was expressed in Yeast.
Species	Human
Source	Yeast
ProteinLength	2-172aa
Tag	C-His
Form	Lyophilized from a 0.2 um filtered 20 mM Tris-HCl, 0.5 M NaCl, 6% Trehalose, pH 8.0
Bio-activity	Measured by its binding ability in a functional ELISA. Immobilized Human MYL9 at 2 ug/mL can bind Anti-MYL9 recombinant antibody, the EC50 is 4.628-6.430 ng/mL.
Molecular Mass	21.7kDa
Endotoxin	Less than 1.0 EU/ug as determined by LAL method.
Purity	Greater than 95% as determined by SDS-PAGE.
Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.

 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

Reconstitution	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C.
AA Sequence	SSKRAKAKTTKKRPQRATSNVFAMFDQSQIQEFKEAFNMIDQNRDGFIDKEDLHDM LASLGKNPTDEYLEGMMSEAPGPINFMTFLTMTFGEKLNKGTDPEDVIRNAFACFDEEA SGFIHEDHLRELLTTMGDRFTDEEVDEMYREAPIDKKGNFNYVEFTRILKHGAKDKD D

GENE INFORMATION

Gene Name	MYL9 myosin, light chain 9, regulatory [Homo sapiens]
Official Symbol	MYL9
Synonyms	MYL9; myosin, light chain 9, regulatory; myosin, light polypeptide 9, regulatory; myosin regulatory light polypeptide 9; LC20; MLC2; MRLC1; myosin regulatory light chain 1; myosin regulatory light chain 2; smooth muscle isoform; MYRL2; myosin RLC; 20 kDa myosin light chain; myosin regulatory light chain 9; myosin regulatory light chain MRLC1; myosin regulatory light chain 2, smooth muscle isoform; MLC-2C; MGC3505;
Gene ID	10398
mRNA Refseq	NM_006097
Protein Refseq	NP_006088
MIM	609905

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

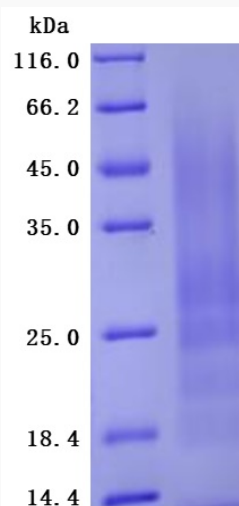
 Email: info@creative-biomart.com  Fax: 1-631-938-8127

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

UniProt ID

P24844

SDS-PAGE

 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