

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.

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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 SGFIHEDHLRELLTTMGDRFTDEEVDEMYREAPIDKKGNFNYYVEFTRILKHGAKDKD 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

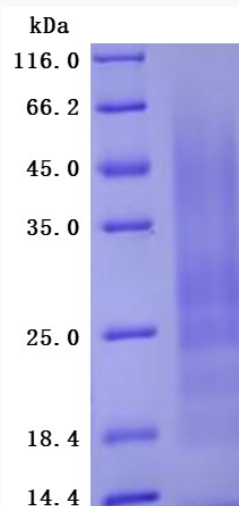
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UniProt ID

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