Recombinant Human MYL9 protein, His-tagged

Cat. No. MYL9-3744H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human MYL9 protein(1-118 aa), fused with N-terminal His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	1-118 aa
Tag	N-His
Form	The purified protein was Lyophilized from sterile PBS (58mM Na2HPO4,17mM NaH2PO4, 68mM NaCl, pH7.4). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization.
Purity	90%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	Short-term storage: Store at 2-8°C for (1-2 weeks). Long-term storage: Aliquot and store at -20°C to -80°C for up to 3 months, reconstitution with sterile water and addition of an equal volume of glycerol. Avoid repeat freeze-thaw cycles.
Reconstitution	Reconstitute at 0.25 μg/μl in 200 μl sterile water for short-term storage. After reconstitution with sterile water, if glycerol has no effect on subsequent experiments, it is recommended to add an equal volume of glycerol for long-term storage.

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AA Sequence	MSSKRAKAKTTKKRPQRATSNVFAMFDQSQIQEFKEAFNMIDQNRDGFIDKEDLHD MLASLGFIHEDHLRELLTTMGDRFTDEEVDEMYREAPIDKKGNFNYVEFTRILKHGA KDKDD

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
UniProt ID	P24844

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SDS-PAGE



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