

Myosin Light Chain 9 Human Recombinant

Item Number	rAP-3670
Synonyms	Myosin regulatory light polypeptide 9, 20 kDa myosin light chain, LC20, MLC-2C, Myosin RLC, Myosin regulatory light chain 2, smooth muscle isoform, Myosin regulatory light chain 9, Myosin regulatory light chain MRLC1, MYL9, MLC2, MRLC1, MYRL2, MGC3505.
Description	MYL9 Human Recombinant fused with a20 amino acid His tag at N-terminus produced in E.Coli is a single, non-glycosylated, polypeptide chain containing 192 amino acids (1-172 a.a.) and having a molecular mass of 21.9kDa. The MYL9 is purified by proprietary chromatographic techniques.
Uniprot Accession Number	P24844
Amino Acid Sequence	MGSSHHHHHH SSGLVPRGSH MSSKRAKAKT TKKRPQRATS NVFAMFDQSQ IQEFKEAFNM IDQNRDGFID KEDLDHMLAS LGKNPTDEYL EGMMSEAPGP INFTMFLTMF GEKLNQTDPE DVIRNAFACF DEEASGFIHE DHLRELLTTM GDRFTDEEVD EMYREAPIDK KGNFNYYVEFT RILKHGAKDK DD.
Source	Escherichia Coli.
Physical Appearance and Stability	Sterile Filtered colorless solution. Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Please prevent freeze-thaw cycles.
Formulation and Purity	The MYL9 solution (0.5 mg/ml) contains 20mM Tris-HCl buffer (pH8.0), 0.1M NaCl, 1mM DTT and 10% glycerol. Greater than 90.0% as determined by SDS-PAGE.
Application	
Solubility	
Biological Activity	
Shipping Format and Condition	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**