

Myosin Light Chain 7 Human Recombinant

Item Number	rAP-3671
Synonyms	Myosin light chain 7 regulatory, myosin light polypeptide 7 regulatory, Myosin light chain 2a myosin regulatory light chain 2 atrial isoform, MYL2A, MYLC2A.
Description	MYL7 Human Recombinant produced in E. coli is a single polypeptide chain containing 199 amino acids (1-175) and having a molecular mass of 22.0kDa. MYL7 is fused to a 24 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.
Uniprot Accession Number	Q01449
Amino Acid Sequence	MGSSHHHHH SSGLVPRGSH MGSHTASRKA GTRGKVAATK QAQRGSSNVF SMFEQAQIQE FKEAF-SCIDQ NRDGIICKAD LRETYSQLGK VSVPEEELDA MLQEGKGPIN FTVFLTLFGE KLNGTDPEEA IL-SAFRMFDP SGKGVVNKDE FKQLLTQAD KFSPAEEVEQM FALTPMDLAG NIDYKSLCYI ITHGDEKEE
Source	E.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). Avoid multiple freeze-thaw cycles.
Formulation and Purity	The MYL7 solution (0.5mg/1ml) contains 20mM Tris-HCl buffer (pH 8.0), 100mM NaCl, 1mM DTT and 20% glycerol. Greater than 90% 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**