9051 Mira Mesa Blvd, #910094
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MYL7 Human

Myosin Light Chain 7 Human Recombinant
RCP1435

Product Overview

Name	MYL7 Human
Description	
Myosin Light Chain 7 Human Recombinant	
Accession (Primary)	Q01449
Synonyms	
Myosin light chain 7 regulatory, myosin light polypeptide 7 regulatory, Myosin light chain 2a myosin regulatory light chain 2 atrial isoform, MYL2A, MYLC2A.	
Introduction	
MYL7 protein is an atrial isoform of myosin regulatory light chain 2 (MYL2). Myosin is a hexamer containing 4 light chains and 2 heavy chains. MYL7 is mainly expressed in adult atrial muscle.	
Source	
E.coli.	
Physical Appearance	
Sterile Filtered colorless solution.	
Formulation	
The MYL7 solution (0.5mg/1ml) contains 20mM Tris-HCl buffer (pH 8.0), 100mM NaCl, 1mM DTT and 20% glycerol.	
Stability	
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.	
Purity	
Greater than 90% as determined by SDS-PAGE.	
Amino acid sequence	
MGSSHHHHHH SSGLVPRGSH MGSH MASRKA GTRGKVAATK QAQRGSSNVF SMFEQAQIQE FKEAFSCIDQ NRDGIICKAD LRETYSQLGK VSVPEEELDA MLQEGKGPIN FTVFLTLFGE KLNGTDPEEA ILSAFRMFDP SGKGVVNKDE FKQLLLTQAD KFSPAEVEQM FALTPMDLAG NIDYKSLCYI ITHGDEKEE	
Precautions	
MYL7 Human is for research use only and not for use in diagnostic or therapeutic procedures.	

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Target Information: (Q01449)