9051 Mira Mesa Blvd, #910094
San Diego, CA 92191
Tel: 760-390-3989

MYL12A Human

Myosin Light Chain 12A Human Recombinant
RCP1427

Product Overview

Name	MYL12A Human
Description	
Myosin Light Chain 12A Human Recombinant	
Accession (Primary)	P19105
Synonyms	
Myosin regulatory light chain 12A, MLC-2B, Myosin RLC, Myosin regulatory light chain 2 nonsarcomeric, Myosin regulatory light chain MRLC3, MYL12A, MLCB, MRLC3, RLC, MRCL3, MYL2B.	
Introduction	
Myosin regulatory light chain 12A (MYL12A) has a vital role in regulation of both smooth muscle and nonmuscle cell contractile activity via its phosphorylation. The MYL12A protein is involved in cytokinesis, receptor capping, and cell locomotion.	
Source	
Escherichia Coli.	
Physical Appearance	
Sterile Filtered colorless solution.	
Formulation	
MYL12A protein solution (0.25mg/ml) containing 20mM Tris-HCl buffer (pH8.0), 20% glycerol and 1mM DTT.	
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 90.0% as determined by SDS-PAGE.	
Amino acid sequence	
MGSSHHHHHH SSGLVPRGSH MGSH MSSKRT KTKTKKRPQR ATSNVFAMFD QSQIQEFKEA FNMIDQNRDG FIDKEDLHDM LASLGKNPTD EYLDAMMNEA PGPINFTMFL TMFGEKLNGT DPEDVIRNAF ACFDEEATGT IQEDYLRELL TTMGDRFTDE EVDELYREAP IDKKGNFNYI EFTRILKHGA KDKDD.	
Precautions	
MYL12A Human is for research use only and not for use in diagnostic or therapeutic procedures.	

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Target Information: (P19105)