

32-4261: Recombinant Human Myosin Light Chain 12A

Alternative Name : 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.

Description

Source : Escherichia Coli. MYL12A Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 195 amino acids (1-171 a.a.) and having a molecular mass of 22.4kDa.MYL12A is fused to a 24 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques. 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.

Product Info

Amount : 20 µg

Purification : Greater than 90.0% as determined by SDS-PAGE.

Content : MYL12A protein solution (0.25mg/ml) containing 20mM Tris-HCl buffer (pH8.0), 20% glycerol and 1mM DTT.

Storage condition : 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.

Amino Acid : MGSSHHHHHH SSGLVPRGSH MGS HMSSKRT KTKTKKRPQR ATSNVFAMFD QSQIQEFKEA
FNMQDNRDG FIDKEDLHDM LASLGKNPTD EYLDAMMNEA PGPINFTMFL TMFGEKLNLT
DPEDVIRNAF ACFDEEATGT IQEDYLRELL TTMGDRFTDE EVDELYREAP IDKKGNFNYI
EFTRILKHGA KDKDD.

