

## 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 MGSMMSSKRT KTKTKRPPQR ATSNVFAMFD QSQIQEFKEA  
FNMIDQNRDG FIDKEDLHDM LASLGKNPTD EYLDAMMNEA PGPINFTMFL TMFGEKLNLT DPEDVIRNAF  
ACFDEEATGT IQEDYLRELL TTMGDRFTDE EVDELYREAP IDKKGNFNYI EFTRILKHGA KDKDD.

