

## 32-4269: Recombinant Human Myosin Light Chain 7

**Alternative Name :** Myosin light chain 7 regulatory, myosin light polypeptide 7 regulatory, Myosin light chain 2a myosin regulatory light chain 2 atrial isoform, MYL2A, MYLC2A.

### Description

Source : E.coli. 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. 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.

### Product Info

**Amount :** 20 µg

**Purification :** Greater than 90% as determined by SDS-PAGE.

**Content :** The MYL7 solution (0.5mg/1ml) contains 20mM Tris-HCl buffer (pH 8.0), 100mM NaCl, 1mM DTT and 20% glycerol.

**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 MGSMMASRKA GTRGKVAATK QAQRGSSNVF SMFEQAQIQE  
FKEAFSCIDQ NRDGIICKAD LRETYSQLGK VSVPEEELDA MLQEGKGPIN FTVFLTLFGE KLNQTDPEEA  
ILSAFRMFDP SGKGVVNKDE FKQLLLTQAD KFSPAEEVQM FALTPMDLAG NIDYKSLCYI ITHGDEKEE

