

MYL12A Human

Description: 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.

Catalog #: PRPS-909

For research use only.

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.

Source: Escherichia Coli.

Physical Appearance: Sterile Filtered colorless solution.

Amino Acid Sequence: MGSSHHHHHH SSGLVPRGSH MGSHMSSKRT KTKTKRPQR
ATSNVFAMFD QSQIQEFKEA FNMQNQNRDG FIDKEDLHDM LASLGKNPTD EYLDAMMNEA
PGPINFTMFL TMFGKLNLT DPEDVIRNAF ACFDEEATGT IQEDYLRELL TTMGDRFTDE
EVDELYREAP IDKKGNFNYI EFTRILKHGA KDKDD.

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

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.

Usage:

NeoBiolab's products are furnished for LABORATORY RESEARCH USE ONLY. The product may not be used as drugs, agricultural or pesticidal products, food additives or household chemicals.

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.

To place an order, please [Click HERE](#).