

Myosin Light Chain 12A Human Recombinant

Item Number	rAP-3680
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.
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.
Uniprot Accession Number	P19105
Amino Acid Sequence	MGSSHHHHH SSGLVPRGSH MGSHMSSKRT KTKTKRPQR ATSNVFAMFD QSQIQEFKEA FNMIDQNRDG FIDKEDLHDM LASLGKNPTD EYLDAMMNEA PGPINFMTFL TMFGEKLNGT DPEDVIRNAF ACFDEEATGT IQEDYLRELL TTMGDRFTDE EVDELYREAP IDKKGNFNYI EFTRILKHGA KDKDD.
Source	Escherichia Coli.
Physical Appearance and Stability	Sterile Filtered colorless solution. 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.
Formulation and Purity	MYL12A protein solution (0.25mg/ml) containing 20mM Tris-HCl buffer (pH8.0), 20% glycerol and 1mM DTT. Greater than 90.0% as determined by SDS-PAGE.
Application	
Solubility	
Biological Activity	
Shipping Format and Condition	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**