

Myosin Light Chain 6 Human Recombinant

Item Number	rAP-3673
Synonyms	Myosin light polypeptide 6, 17 kDa myosin light chain, LC17, Myosin light chain 3, MLC-3, Myosin light chain alkali 3, Myosin light chain A3, Smooth muscle and nonmuscle myosin light chain alkali 6, MYL6, ESMLC, LC17A, LC17B, MLC1SM, MLC3NM, MLC3SM, LC17-
Description	MYL6 Human Recombinant fused with a 20 amino acid His tag at N-terminus produced in E.Coli is a single, non-glycosylated, polypeptide chain containing 171 amino acids (1-151 a.a.) and having a molecular mass of 19.1kDa. The MYL6 is purified by proprietary chromatographic techniques.
Uniprot Accesion Number	P60660
Amino Acid Sequence	MGSSHHHHHH SSGLVPRGSH MCDFTEDQTA EFKEAFQLFD RTGDGKILYS QCGDVMRALG QNPT- NAEVLK VLGPNKSDEM NVKVLDFEHF LPMLQTVAKN KDQGTIEDYV EGLRVFDKEG NGTVMGAEIR HVLVTLGEKM TEEVEMLVA GHEDSNGCIN YEELVRMVLN G.
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	The MYL6 solution (0.5 mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 1mM DTT and 10% glycerol. 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**