

Myosin Light Chain 6B Human Recombinant

Item Number	rAP-3683
Synonyms	Myosin light chain 6B, Myosin light chain 1 slow-twitch muscle A isoform, MLC1sa, Smooth muscle and nonmuscle myosin light chain alkali 6B, MYL6B, MLC1SA.
Description	MYL6B Human Recombinant produced in E.coli is a single, non-glycosylated polypeptide chain containing 231 amino acids (1-208) and having a molecular mass of 25.2 kDa. The MYL6B is fused to a 23 amino acid His-Tag at N-terminus and purified by proprietary chromatographic techniques.
Uniprot Accession Number	P14649
Amino Acid Sequence	MGSSHHHHH SSGLVPRGSH MGSMPPKDV PVKKPAGPSI SKPAKPAAA GAPPAKTAE PAV-PQAPQKT QEPPVDLSKV VIEFNKDQLE EFKEAFELFD RVGDGKILYS QCGDVMRALG QNPTNAEVLK VLGNPKSDEL KSRRVDFETF LPMLQAVAKN RGQGTIEDYL EGFRVFDKEG NGKVMGAELR HVLTTLGEKM TEEEVETVLA GHEDSNGCIN YEAFLEKHLS V.
Source	E.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 MYL6B solution (1mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 2mM DTT and 10% glycerol. Greater than 95% 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**