

Myosin Light Chain 2 Human Recombinant

Item Number	rAP-3679
Synonyms	MLC2, CMH10, MYL-2, Myosin regulatory light chain 2, MYOSIN LIGHT CHAIN REGULATORY VENTRICULAR, DKFZp779C0562, MYL2, MLC-2v, MLC-2.
Description	MYL2 Human Recombinant produced in E.Coli is a single, non-glycosylated, polypeptide chain containing 186 amino acids (1-166) and having a molecular mass of 20.9 kDa. MYL2 is fused to a 20 amino acid His Tag fused at N-terminus and purified by proprietary chromatographic techniques.
Uniprot Accession Number	P10916
Amino Acid Sequence	MGSSHHHHH SSGLVPRGSH MAPKKAKKRA GGANSNVFSM FEQTQIQEFK EAFITMDQNR DGFIDKNDLR DTFAALGRVN VKNEEIDEMI KEAPGPINFT VFLTMFGEKL KGADPEETIL NAFKVFDPEG KGVLKADYVR EMLTTQAERF SKEEVDQMFA AFPPDVTGNL DYKNLVHIIT HGEEKD.
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	MYL2 solution containing 20mM Tris pH-8, 20% glycerol and 5mM CaCl ₂ . Greater than 95.0% 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**