

MYL1

Recombinant Human Myosin Light Chain 1

Catalog No.	CRV106A CRV106B CRV106C	Quantity:	2 µg 10 µg 1.0 mg
Alternate Names:	Myosin light chain 1 skeletal muscle isoform, MLC1F, A1 catalytic, Alkali myosin light chain 1, MYL1, MLC3F.		
Description:	Myosin is a hexameric ATPase cellular motor protein, which is composed of 2 heavy chains, 2 non-phosphorylatable alkali light chains, and 2 phosphorylatable regulatory light chains. MYL1 is a myosin alkali light chain expressed in fast skeletal muscle. Recombinant Human Myosin Light Chain-1 (MYL1) protein is fused to 7 amino acids at the N-terminus.		
Physical Appearance:	Sterile Filtered clear solution.		
GenelD:	4632		
Source:	<i>E. coli</i>		
Molecular Mass:	25 kDa		
Formulation:	Human MYL1 in 10 mM Tris-HCl + 1 mM EDTA, pH 7.5.		
Purity:	> 90.0% as determined by SDS-PAGE.		
Purification:	The MYL1 protein was affinity purified using a mouse anti-human MYL1 monoclonal antibody clone 39-15 column.		
Applications:	Calibrator and control for immunoassays, Western blot		
Storage & Stability:	Store vial at -20°C to -80°C. When stored at the recommended temperature, this protein is stable for 12 months. Avoid repeated freeze-thaw cycles.		

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