

## Myosin Light Chain 4 Human Recombinant

<b>Item Number</b>	rAP-3684
<b>Synonyms</b>	Myosin light chain 4 alkali atrial embryonic, ALC1, AMLC, GT1, Myosin light chain 1 embryonic muscle/atrial isoform, Myosin light chain alkali GT-1 isoform, PRO1957, MLC1.
<b>Description</b>	MYL4 Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 205 amino acids (1-197 a.a.) and having a molecular mass of 22.6kDa. MYL4 is fused to an 8 amino acid His-tag at C-terminus & purified by proprietary chromatographic techniques.
<b>Uniprot Accession Number</b>	P12829
<b>Amino Acid Sequence</b>	MAPKKPEPKK EAAKPAPAPA PAPAPAPAPA PEAPKEPAFD PKSVKIDFTA DQIEEFKEAF SLFDRTPTGE MKITYGQCGD VLRALGQNPT NAEVLRVLGK PKPEEMNVKM LDFETFLPIL QHISRN- KEQG TYEDFVEGLR VFDKESNGTV MGAELRHVLA TLGEKMTEAE VEQLLAGQED ANGCINYEAF VKHIMSGLEH HHHHH.
<b>Source</b>	E.coli.
<b>Physical Appearance and Stability</b>	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.
<b>Formulation and Purity</b>	MYL4 protein solution (0.5mg/ml) containing 20mM Tris-HCl buffer (pH8.0), 150mM NaCl, 1mM DTT and 20% glycerol. Greater than 90% as determined by SDS-PAGE.
<b>Application</b>	
<b>Solubility</b>	
<b>Biological Activity</b>	
<b>Shipping Format and Condition</b>	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**