

本公司提供的电子版说明书仅供参考，实验请以收到的纸质手册为准。

MYL2,1-166 aa, Human, His-tagged, Recombinant, E.coli

产品货号: TP03062

第三版

别名: Myosin, light chain 2, MLC2, CMH10, DKFZp779C0562

描述: Myosin, light chain 2 (MYL2) encodes the regulatory light chain associated with cardiac myosin beta heavy chain. It is an important protein involved in the regulation of myosin ATPase activity in smooth muscle and Ca⁺ triggers the phosphorylation of regulatory light chain that in turn triggers contraction. Mutations in MYL2 are associated with mid-left ventricular chamber type hypertrophic cardiomyopathy.

配方: Liquid in 20mM Tris-HCl (pH 8.0) containing 40% glycerol, 5mM CaCl₂

分子量: 20.9 kDa (186aa), confirmed by MALDI-TOF.

序列:

纯度: > 95% by HPLC

浓度: 0.5 mg/ml (determined by Bradford assay)

内毒素: <1.0 EU per 1 ug of protein (determined by LAL method)

存储: +4 ° C 保存 (1-2 周). 长期保存在 -20 ° C 或者 -70 ° C. 避免反复冻融.