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MYL12B, 1-172aa, Human, His tag, E.coli

产品货号: TP03061

第三版

别名: Myosin, light chain 12B regulatory, MLC-B, MRLC2

描述: Myosin, light chain 12B, regulatory, also known as MYL12B, is a hexameric ATPase cellular motor protein. Myosin is composed of two heavy chains, two nonphosphorylatable alkali light chains, and two phosphorylatable regulatory light chains. MYL12B regulates contraction in smooth muscle and non-muscle cells via phosphorylation by myosin light chain kinase (MLCK).

配方: Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 0.2M NaCl, 40% glycerol, 2mM DTT

分子量: 22.3 kDa (196aa) confirmed by MALDI-TOF

序列:

MGSSHHHHHHSSGLVPRGSHMGSHMSSKAKTKTTKKRPQRATSNVFAMFDQSQIQEFKEAFNMIDQNRDGFIDKEDL
HDMLASLGKNPTDAYLDAMMNEAPGPINFTMFLTMFGEKLNQDTPEDVIRNAFACFDEEATGTIQEDYLRELLTTMGDR
FTDEEVDELYREAPIDKKGNFNIEFTRILKHGAKDKDD

纯度: > 95% by HPLC

浓度: 1 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.