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MYL6B, 1-208aa, Human, His tag, E.coli

产品货号: TP03067

第三版

别名: Myosin light chain 6B, MLC1SA.

描述: MYL6B is a heavy chain regulator found in smooth muscle and non-muscle Myosin complexes. Contractile activity in smooth muscle is regulated by the calcium/calmodulin-dependent phosphorylation of Myosin light chain by Myosin light chain kinase. MYL6B does not bind calcium during contraction. It is primarily found in a hexamer consisting of four light chains and two heavy chains.

配方: Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 10% glycerol, 2mM DTT.

分子量: 25.2 kDa (231aa), confirmed by MALDI-TOF

序列:

MGSSHHHHHHSSGLVPRGSHMGSMPPKDVVKKPAGPSISKPAAKPAAAGAPPKTKAEPVVPQAPQKTQEPPVDLSK
VVIEFNKQDLEEFKEAFELFDRVGDGKILYSQCGDVMRALGQNPTNAEVLKVLGNPKSDELKSRRVDFETFLPMLQAVAK
NRGQGTYEDYLEGFRVFDKEGNGKVMGAELRHVLTTLGEKMTEEEVETVLAGHEDSNGCINYEFLKHILSV

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.