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Calmodulin 2, 1-149aa, Human, Recombinant, E.coli

产品货号: TP01406

第三版

别名:PHKD, CAMII, PHKD2.

描述:Calmodulin has been known to act as an intracellular calcium sensor protein. When the intracellular Ca²⁺ concentration increases, calmodulin can bind up to four Ca²⁺, changing its conformation and regulating cellular functions such as activation or inhibition of a large number of enzymes, ion channels, and receptors.

配方:Liquid. In 20 mM Tris-HCl buffer (pH 7.5)

分子量:16kDa (149aa), confirmed by MALDI-TOF

序列:

MADQLTEEQIAEFKEAFSLFDKDGDTITTKELGTVMRSLGQNPTAEELQDMINEVDADGNGTIDFPEFLTMMARKMKD
TDSEEEIREAFRVFDKDGNGYISAAELRHVMTNLGEKLTDEEVDEMIREADIDGDGQVNYEEFVQMMTAK

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.