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Camk2n1, 1-78aa, Mouse, His-tag, E.coli

产品货号: TP01413

第三版

别名: Calcium/calmodulin-dependent protein kinase II inhibitor 1, 1810006K23Rik, AI848599, AI89176

描述: Camk2n1, also known as Calcium/calmodulin-dependent protein kinase II inhibitor 1, belongs to the CAMK2N family. This protein interacts with CAMK2B; the presence of Ca<sup>2+</sup>/calmodulin increases the interaction but is not essential. It also interacts with CAMK2A; this interaction requires CAMK2A activation by Ca<sup>2+</sup>. Camk2n1 is potent and specific inhibitor of CaM-kinase II (CAMK2). Recombinant mouse Camk2n1 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.

配方: Liquid. In 20mM Tris-HCl (pH8.5) containing 1mM DTT, 0.1M NaCl, 10% glycerol

分子量: 10.9 kDa (101aa) Confirmed by MALDI-TOF

序列:

MGSSHHHHHSSGLVPRGSHMGSMSEVLPYGDEKLSPYGDGGDVGQIFSCRLQDTNFFGAGQSKRPPKLGQIGRSKR  
VIEDDRIDDVLKTMTDKAPPGV

纯度: > 95% by HPLC

浓度: 0.5mg/ml (determined by BCA 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.