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CAMK2N1, 1-78aa Human, His tag, E.coli

产品货号: TP01412

第三版

别名:calcium/calmodulin-dependent protein kinase II inhibitor 1, PRO1489; RP11-401M16.1

描述:CAMK2N1 belongs to the CAMK2N family. This protein interacts with CAMK2B; the presence of Ca²⁺/calmodulin increases the interaction but is not essential. It also interacts with CAMK2A; this interaction requires CAMK2A activation by Ca²⁺. CAMK2N1 is potent and specific inhibitor of CaM-kinase II (CAMK2). Recombinant human 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 buffer (pH 8.0) containing 0.15M NaCl, 20% glycerol, 1mM DTT

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

序列:

MGSSHHHHHHSSGLVPRGSHMGSMSEVLPGDEKLSPYGDGGDVGQIFSCRLQDTNFFGAGQNKRPPLGQIGRSKR
VVIEDDRIDDVLKNMTDKAPPGV

纯度:> 95% by HPLC

浓度:0.25 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.