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CSNK1A1, 1-337aa Human, His tag, E.coli

产品货号: TP01741

第三版

别名: Casein kinase 1, alpha 1, CK1, HLCDGP1, PRO2975

描述: Casein kinases are operationally defined by their preferential utilization of acidic proteins such as caseins as substrates. It can phosphorylate a large number of proteins. CSNK1A1 participates in Wnt signaling and phosphorylates CTNNB1 at 'Ser-45'. It may play a role in segregating chromosomes during mitosis. Recombinant human CSNK1a1 protein, fused to His-tag at N-terminus, was expressed in E.coli.

配方: Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 0.4M Urea, 10% glycerol

分子量: 41 kDa (357aa)

序列:

MGSSHHHHHHSSGLVPRGSHMASSSGSKAEFIVGGKYKLVKIGSGSFGDIYLAINITNGEEVAVKLESQKARHPQLLYESK
LYKILQGGVGIPHIRWYGQEKDYNVLVMDLLGPSLEDLFNFCRRFTMKTVLMLADQMISRIEYVHTKNFIHRDIKPDNFL
MGIGRHCNKLFIDFGLAKKYRDNTRQHIPPYREDKNLTGTARYASINAHLGIEQSRDDMESLGYVLMYFNRTSLPWQG
LKAATKKQKYEKISEKKMSTPVEVLCKGFPAEFAMYLNYCRGLRFEEAPDYMRLRQLFRILFRTLNHQYDYTFDWTMLKQ
KAAQQAASSSGQGQQAQTPTGKQTDKTKSNMKGK

纯度: > 95% by HPLC

浓度: 0.5 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.