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CDK1, 1-297aa Human, His tag, Insect cell

产品货号: TP01553

第三版

别名:Cyclin-dependent kinase 1, CDC2, CDC28A, P34CDC2

描述:Cyclin-dependent kinase 1, also known as CDK1, plays a key role in the control of the eukaryotic cell cycle by modulating the centrosome cycle as well as mitotic onset; promotes G2-M transition, and regulates G1 progress and G1-S transition via association with multiple interphase cyclins. This protein is required in higher cells for entry into S-phase and mitosis. Recombinant human CDK1 protein, fused to His-tag at C-terminus, was expressed in insect cells using baculovirus expression system and purified by using conventional chromatography techniques.

配方:Liquid. In Phosphate buffered saline (pH7.4), 30% glycerol, 2mM DTT, 0.1mM PMSF

分子量:35.1 kDa (305aa)

序列:

MEDYTKIEKIGEGTYGVVYKGRHKTTGQVVAMKKIRLESEEEGVPSTAIRESLLKELRHPNIVSLQDVLMQDSRLYLIFEFL  
SMDLKKYLDSIPPGQYMDSSLVKSYLEQILQGIVFCHSRRVLHRDLKPQNLLIDDKGTIKLADFGGLARAFGIPIRVYTHEVVT  
LWYRSPEVLLGSARYSTPVDIWSIGTIFAELATKKPLFHGDSEIDQLFRIFRALGTPNNEVWPEVESLQDYKNTFPKWKPGSL  
ASHVKNLDENGLDLLSKMLIYDPAKRISGKMALNHPYFNDLDNQIKKMLEHHHHHH

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.