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ackA, 1-400aa, E.coli, His tag, E.coli

产品货号: TP01036

第三版

别名: Acetate kinase A and propionate kinase 2, ECK2290, JW2293

描述: ackA catalyzes the formation of acetyl phosphate from acetate and ATP. This protein can also catalyze the reverse reaction. During anaerobic growth of the organism, this enzyme is also involved in the synthesis of most of the ATP formed catabolically. Recombinant E.coli ackA 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 0.15M NaCl, 20% glycerol, 1mM DTT

分子量: 45.7kDa (423aa), confirmed by MALDI-TOF

序列:

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MGSSHHHHHHSSGLVPRGSHMGSMSSKLVLVNCGSSSLKFAIIDAVNGEYLSGLAECFHLPEARIKWKMDGNKQEAL  
GAGAAHSEALNFIVNTILAQKPELSAQLTAIGHRIVHGGEKYTSSVVIDESVIQGIKDAASFAPLHNPAHLIGIEEALKSFPQL  
KDKNVAVFDTAHFQTMPEESYLYALPYNLYKEHGIRRYGAHGTSFYVTQEAAKMLNKPVEELNIITCHLGNGGVSVAIR  
NGKCVDTSMGLTPLEGLVMGTRSGDIDPAIIFHLHDTLGMSVDAINKLLTKESGLLGLTEVTSDCRYVEDNYATKEDAKR  
AMDVYCHRLAKYIGAYTALMDGRLDAVVFTGGIGENAAMVRELSLGLGLVLFGEVDHERNLAARFGKSGFINKEGTRPA  
VVIPTNEELVIAQDASRLTA
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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.