

本公司提供的电子版说明书仅供参考，实验请以收到的纸质手册为准。

coaA, 1-316aa, E.coli, His tag, E.coli

产品货号: TP01677

第三版

别名: Pantothenate kinase, panK, rts, ts-9.

描述: coaA (pantothenate kinase) belongs to the prokaryotic pantothenate kinase family. Pantothenate kinase (PanK; CoaA) is the first enzyme in the Coenzyme A biosynthetic pathway. It phosphorylates pantothenate (vitamin B5) to form 4'-phosphopantothenate.

配方: Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 2mM DTT, 10% glycerol, 200mM NaCl

分子量: 38.9kDa (340aa), confirmed by MALDI-TOF

序列:

MGSSHHHHHHSSGLVPRGSHMGSHMSIKEQTLMTPYLQFDRNQWAALRDSVPM TLSEDEIARLKGINEDLSLEEVAEIYL  
PLSRLLNFYISSNLRRQAVLEQFLGTNGQRIPYIISIAGSVAVGKSTTARVLQALLSRWPEHRRVELITTDGFLHPNQVLKERG  
LMKKKGFPE SYDMHRLVKFVSDLKSGVPNV TAPVYSHLIYDVIPDGDKTVVQPDILILEGLNVLQSGMDYPHDPHHVFVS  
DFVDFSIYVDAPEDLLQTWYINRFLKFREGAFTDPDSYFHNYAKLTKEEAIKTAMTLWKEINWLN LKQNILPTRERASLILT  
KSANHAVEEVRLRK

纯度: > 95% by HPLC

浓度: 1mg/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.