

本公司提供的电子版本说明书仅供参考，实验请以收到的纸质手册为准。

CMPK1, 1-228aa, Human, His tag, E.coli

产品货号: TP01657

第三版

别名:UMP-CMP kinase, CMK, CMPK, RP11-511I2.1, UMK, UMP-CMPK, UMPK

描述:CMPK1, also known as UMP-CMP kinase and deoxycytidylate kinase, is an enzyme that catalyzes the phosphoryl transfer from ATP to UMP, CMP and dCMP. This enzymatic reaction leads to the formation of ADP and the corresponding nucleoside diphosphate, which are required for cellular nucleic acid synthesis.

配方:Liquid. 20mM Tris-HCl buffer (pH8.0) containing 20% glycerol 1mM DTT, 100mM NaCl

分子量:28.0 kDa (248aa), confirmed by MALDI-TOF

序列:

MGSSHHHHHHSSGLVPRGSHMLSRCRSGLLHVLGLSFLQTRRPILLCSPLMKPLVVFVLGGPGAGKGTQCARIVEKYG
YTHLSAGELLRDERKNPDSQYGELIEKYIKEGKIVPVEITISLLKREMDQTMAANAQKNKFLIDGFPRNQDNLQGWNKTM
DGKADVSVFLFFDCNNEICIERCLERGKSSGRSDDNRESLEKRIQTYLQSTKPIIDLYEEMGKVKKIDASKSVDEVFDEVVQI
FDKEG

纯度:> 95% by HPLC

浓度:1.0 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.