

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。

PGK2, 1-417aa, Human, His tag, E.coli (Bioactivity Validated)

产品货号: TP03382

第三版

别名: Phosphoglycerate kinase 2, dJ417L20.2, PGKB, PGKPSS

描述: PGK2 is a testis-specific form of phosphoglycerate kinase. Initially assumed to be a pseudogene, this protein is actually a functional phosphoglycerate kinase that catalyzes the reversible conversion of 1,3-bisphosphoglycerate to 3-phosphoglycerate, during the Embden-Meyerhof-Parnas pathway of glycolysis, in the later stages of spermatogenesis. Recombinant human PGK2 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography.

配方: Liquid. 20mM Tris-HCl buffer (pH8.0) containing 20% glycerol, 1mM DTT, 0.1M NaCl

分子量: 46.9 kDa (437aa), confirmed by MALDI-TOF

序列:

```
MGSSHHHHHHSSGLVPRGSHMSLSKKLTLDKLDVRGKRVIMRVDFNVPMKKNQITNNQRIKASIPSIKYCLDNGAKAVV  
LMSHLGRPDGVPMPDKYSLAPVAVELKSLGKDVFLKDCVGAEEKACANPAPGSVILLENLRFHVEEKGQDPSGKK  
IKAEPDKIEAFRASLSKLGDVYVNDVFGTAHRAHSSMVGVNLPKASGFLMKKELDYFAKALENPVRPFLAILGGAKVAD  
KIQLIKNMLDKVNEMIIGGGMAYTFLKVLNNMEIGASLFDEEGAKIVKDIMAKAQKNGVRITFPVDFVTGDKFDENAQV  
GKATVASGISPGWMGLDCGPESNKNHAQVVAQARLIVWNGPLGVFEWDAFAKGTKALMDEIVKATSKGCITVIGGGD  
TATCCAkwntedkvshvstgggaslellegkilpgvealsnm
```

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.