

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。

pykF, 1-470aa, E.coli, His tag, E.coli

产品货号: TP03611

第三版

别名: Pyruvate kinase I, ECK1672, JW1666.

**描述:** pyrF (pyruvate kinase) belongs to the pyruvate kinase family. pykF is an enzyme involved in glycolysis. It catalyzes the transfer of a phosphate group from phosphoenolpyruvate (PEP) to ADP, yielding one molecule of pyruvate and one molecule of ATP. This process also requires a Magnesium ion. This step is the final one in the glycolytic pathway, which produces pyruvate molecules, the final product of aerobic glycolysis.

**配方:** Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 10% glycerol

**分子量:** 53.3kDa (494aa)

**序列:**

```
MGSSHHHHHHSSGLVPRGSHMGSHMKKTKIVCTIGPKTESEMLAKMLDAGMNMVRLNFSHG DYAEHGQRIQNLRN  
VMSKTGKTAAILLDTKGPEIRTMKLEGGNDVSLKAGQTFTFTTDKSVIGNSEMVAVTYEGFTTDL SVGNTVLVDDGLIGM  
EVT AIEGNKVICKVLNNGDLGENKGVNLPGVSI ALPALAEKDKQDLIFGCEQGVDFVAASFIRKRS D VIEIREHLKAHGGE  
NIHIISKIENQEGLNMFDEILEASDGIMVARGDLGVEIPVEEVIFAQKMMIEKCIRARKVVITATQMLDSMIKNPRP TRAEA  
GDVANAILDGTDAVMLSGESAKGKYPLEAVSIMATICERTDRVMNSRLEFNNDNRKLRITEAVCRGAVETA EKLDAPLIV  
VATQGGKSARAVRKYFPDATILALTTNEKTAHQLVLSKGVVPQLVKEITSTDDFYRLGKELALQSGLAHKGDVVVMVSG  
ALVPSGTTNTASVHVL
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**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.