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glpK, 1-847aa, E.coli, His tag, E.coli

产品货号: TP02257

第三版

别名:Glycerol kinase

**描述:**glpK also known as glycerol kinase, belongs to the FGGY kinase family. glpK function to catalyze the transfer of a phosphate group from ATP to glycerol, thereby forming glycerol phosphate. This intermediate can then be converted to dihydroxyacetone phosphate (DHAP), which is utilized in either glycolysis or gluconeogenesis. Recombinant E.coli glpK, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.

**配方:**Liquid, In Phosphate buffered saline (pH7.4) containing 10% glycerol, 1mM DTT

**分子量:**58.6kDa (525aa)

**序列:**

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MGSSHHHHHHSSGLVPRGSHMGSMTEKKYIVALDQGTSSRAVVMDHDANIISVSQREFEQIYPKPGWVEHDPMEIWA  
TQSSTLVEVLAKADISSDQIAAIGITNQRETTIVWEKETGKPIYNAIVWQCRRTAEICEHLKRDGLEDYIRSNTGLVIDPYFS  
GTKVKWILDHVEGSRERARRGELLFGTVDTWLIWKMTQGRVHVTDYTNASRTMLFNIHTLDWDDKMLEVLDIPREMLP  
EVRRSSEVYGQTNIGGKGGTRIPISGIAGDQQAALFGQLCVKEGMAKNTYGTGCFMLMNTGEKAVKSENGLLTTIACGP  
TGEVNYALEGAVFMAGASIQLRDEMKLINDAYDSEYFATKVQNTNGVYVPAFTGLGAPYWDPYARGAIFGLTRGVN  
ANHIIIRATLESIAQTRDVLEAMQADSGIRLHALRVDGGAVANNFLMQFSIDILGTRVERPEVREVTALGAAYLAGLAVG  
FWQNLDELQEKAVEREFRPGIETTERNYRYAGWKKAVKRAMAWEEHDE
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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.