

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。

BPGM, 1-259aa, Human, His-tagged, Recombinant, E.coli

产品货号: TP01360

第三版

别名: Bisphosphoglycerate mutase, BPG-dependent PGAM.

描述: Bisphosphoglycerate mutase (BPGM) is an enzyme unique to erythrocytes and placental cells. This protein plays a major role in regulating hemoglobin oxygen affinity as a consequence of controlling 2,3-BPG concentration. It is responsible for the catalytic synthesis of 2,3-Bisphosphoglycerate (2,3-BPG) from 1,3-BPG.

配方: Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 1mM DTT, 10% glycerol

分子量: 31kDa (267aa), confirmed by MALDI-TOF

序列:

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MSKYKLIMLRHGEGAWNKENRFCSWVDQQLNSEGMEEARNCGKQLKALNFEFDLVFTSVLNRSIHTAWLILEELGQEW  
VPVESSWRLNERHYGALIGLNREQMALNHGEEQVRLWRRSYNVTPPIEESHPIYYQEIYNDRRYKVCVPLDQLPRSESLK  
DVLERLLPYWNERIAPEVLRGKTILISAHGNSRALLKHLEGISDEDIINITLPTGVPILLELDENLRAVGHQFLGDQEAIIQA  
AIKKVEDQGKVKQAKKLEHHHHHH
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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.