

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。

PGAM1, 1-254aa, Mouse, His tag, E.coli

产品货号: TP03370

第三版

别名: Phosphoglycerate mutase 1, 2310050F24Rik, Pgam-1.

描述: PGAM1 belongs to the phosphoglycerate mutase family. This protein is important components of glucose and 2,3-BPGA (2,3-bisphosphoglycerate) metabolism and catalyzes the reversible reaction of 3- phosphoglycerate (3-PGA) to 2-phosphoglycerate (2-PGA) in the glycolytic pathway. The PGAM is a dimeric enzyme containing, in different tissues, different proportions of a slow-migrating muscle (MM) isozyme, a fastmigrating brain (BB) isozyme, and a hybrid form (MB).

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

分子量: 31.4 kDa (278aa) confirmed by MALDI-TOF

序列:

MGSSHHHHHHSSGLVPRGSHMGSHMAAYKLVLRHGESAWNLENRFSGWYDADLSPAGHEEAKRGGQALRDAGYEFD
ICFTSVQKRAIRTLWTVLDAIDQMWLPVVRTWRLNERHYGGLTGLNKAETA AKHGAEQVKIWRRSYDVPPPPMEPDHP
FYSNISKDRRYADLTEDQLPSCESLKD TIARALPFWNEEIVPQIKEGKRVLIAAHGNSLRGIVKHLEGLSEEAIMELNLPTGIPI
VYELDKNLKPIKPMQFLGDEETVRKAMEAVAAQGKVKK

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.