

本公司提供的电版本说明书仅供参考，实验请以收到的纸质手册为准。

PGAM2, 1-253aa, Human, His tag, E.coli

产品货号: TP03372

第三版

别名: Phosphoglycerate mutase 2, GSD10, PGAM-M, PGAMM.

描述: PGAM2, also known as phosphoglycerate mutase 2, belongs to the phosphoglycerate mutase family. Phosphoglycerate mutase (PGAM) 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 fast-migrating brain (BB) isozyme, and a hybrid form (MB). This gene encodes muscle-specific PGAM subunit.

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

分子量: 30.9 kDa (273aa) confirmed by MALDI-TOF

序列:

MGSSHHHHHHSSGLVPRGSHMATHRLVMVRHGESTWNQENRFCGWFDALSEKGTTEEAKRGAKAIKDAKMEFDICYT
SVLKRAIRTLWAILDGTDMWLPVVRTWRLNERHYGGLTGLNKAETAAKHGEEQVKIWRRSFDIPPPMDEKHPYYNSI
SKERRYAGLKPGEPTCESLKDTIARALPFWNEEIVPQIKAGKRVLIAAHGNSLRGIVKHLEGMDSQAIMELNLPTGIPIVYE
LNKELKPTKPMQFLGDEETVRKAMEAVAAQGKAK

纯度: > 95% by HPLC

浓度: 1 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.