

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。

PGM1, 1-562 aa, Human, His tag, E.coli

产品货号: TP03384

第三版

别名:CDG1T, GSD14

**描述:**PGM1 also known as Phosphoglucomutase-1 isoform 1. PGM1 belongs to the phosphohexose mutase family. There are several PGM isozymes, which are catalyze the transfer of phosphate between the 1 and 6 positions of glucose. In most cell types, PGM1 isozymes predominate, representing about 90% of total PGM activity. Defects in PGM1 are the cause of glycogen storage disease type 14. Recombinant human PGM1, 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(pH 7.4) containing 10% glycerol

**分子量:**63.8 kDa (585aa)

**序列:**

MGSSHHHHHSSGLVPRGSHMGSMVKIVTVKTKQAYQDQKPGTSGLRKRVKVFQSSANYAENFIQSIISTVEPAQRQEAT  
LVVGGDGRFYMKEAIQLIARIAAANGIGRLVIGQNGILSTPAVSCIIRKIKAIIGGIILTASHNPGGPNGDFGIKFNISNGGPAP  
EAITDKIFQISKTIIEYAVCPDLKVDLGVLGKQQFDLENKFKPFTVEIVDSVEAYATMLRSIFDFSALKELLSGPNRLKIRIDA  
MHGVVGPYVKKILCEELGAPANSAVNCVPLEDFGGHHPDPNLTYAADLVETMKSGEHDFGAAFDGDGDRNMILGKHG  
FFVNPDSVAVIAANIFSIPYFQQTGVRGFARSMPTSGALDRVASATKIALYETPTGWKFFGNLMDASKLSLCGEESFGTGS  
DHIREKDGLWAVLAWLSILATRKQSVEDILKDHQYGRNFFTRYDYEEVEAEGANKMMKDLEALMFDRSFVGKQFSA  
NDKVYTVEKADNFEYSDPVDGSIQRNQLRLIFTDGSRIVFRLSGTGSAGATIRLYIDSYEKDVAKINQDPQVMLAPLISIAL  
KVSQEQERTGRTAPTIVT

**纯度:**> 95% by HPLC

**浓度:**1mg/ml (determined by Absorbance at 280nm)

**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.