

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。

PGP, 1-321aa, Human, His-tag, E.coli (Bioactivity Validated)

产品货号: TP03387

第三版

别名: Phosphoglycolate phosphatase

描述: Phosphoglycolate phosphatase, also known as PGP, is detected in all tissues including red cells, lymphocytes and cultured fibroblasts (at protein level). The catalytic activity of PGP is $2\text{-phosphoglycolate} + \text{H}_2\text{O} = \text{glycolate} + \text{phosphate}$. The highest activities occur in skeletal muscle and cardiac muscle. Recombinant human PGP protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.

配方: Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 0.15M NaCl, 10% glycerol, 1mM DTT

分子量: 36.5 kDa (345aa) confirmed by MALDI-TOF

序列:

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MGSSHHHHHHSSGLVPRGSHMGSHMAAAEAGGDDARCVRLSAERAQALLADVDTLLFDCDGVLRGETAVPGAPEA  
LRALRARGKRLGFITNNSKTRAAYAELRRLGFGGPAGPGASLEVFGTAYCTALYLRQLAGAPAPKAYVLGSPALAAELE  
AVGVASVGVGPEPLQGE GPGDWLHAPLEPDVRAVVVGFDPHFSYMKLTKALRYLQQPGCLLVGTNMDNRLPLENGRFI  
AGTGCLVRAVEMAAQRQADIIGKPSRFIFDCVSEQEYGINPERTVMVGDRLDILLGATCGLKTLTLTGVSTLGDVKNN  
QESDCVSKKKMVPDFYVDSIADLLPALQG
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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.