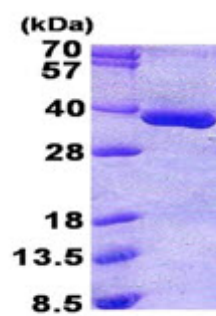


AR50796PU-S

Human PGP / Phosphoglycolate phosphatase (1-321, His-tag) - Purified

Quantity:	0.1 mg
Concentration:	0.5 mg/ml (determined by Bradford assay)
Background:	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-phosphoglycolate + H ₂ O = glycolate + phosphate. The highest activities occur in skeletal muscle and cardiac muscle.
Uniprot ID:	A6NDG6
NCBI:	NP_001035830
GeneID:	283871
Species:	Human
Source:	E. coli
Format:	State: Liquid purified protein Purity: >95% by SDS - PAGE Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 0.15M NaCl, 10% glycerol, 1mM DTT
Description:	Recombinant human PGP protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques. AA Sequence: MGSSHHHHH SSGLVPRGSH MGSMAAAEA GGDDARCVRL SAERAQALLA DVDTLFLFDCD GVLWRGETAV PGAPEALRAL RARGKRLGFI TNNSSKTRAA YAEKLRLRGF GGPAGPGASL EVFGTAYCTA LYLRQRLAGA PAPKAYVLGS PALAAELEAV GVASVGVGPE PLQGEKPGDW LHAPLEPDVR AVVVGFDPHF SYMKLTKALR YLQQPGCLLV GTNMDNRLPL ENGRFIAGTG CLVRAVEMAA QRQADIIGKP SRFIFDCVSQ EYGINPERTV MVGDRLDIDI LLGATCGLKT ILTLTGSTL GDVKNNQESD CVSKKKMVPD FYVDSIADLL PALQG Molecular weight: 36.5 kDa (345aa) confirmed by MALDI-TOF
Storage:	Store undiluted at 2-8°C for one week or (in aliquots) at -20°C to -80°C for longer. Avoid repeated freezing and thawing. Shelf life: one year from despatch.
General Readings:	Barker R.F., et al. (1978) Ann. Hum. Genet. 42:143-151

Pictures:



15% SDS-PAGE (3ug)