

# Human PGP Recombinant Protein



RPPB2104

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## Product Information    Protein Information

**Product SKU:**

RPPB2104

**Accession:**

A6NDG6

**Host:**

Escherichia Coli.

**Protein description:**

PGP produced in E.Coli is a single, non-glycosylated polypeptide chain containing 345 amino acids (1-321 a.a.) and having a molecular mass of 36.5kDa. PGP is fused to a 24 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

**Appearance:**

Sterile Filtered colorless solution.

**Synonyms:**

Phosphoglycolate phosphatase, PGP, PGPase.

**Formulation:**

The PGP protein solution (0.5mg/1ml) is formulated in 20mM Tris-HCl buffer (pH 8.0), 0.15M NaCl, 10% glycerol and 1mM DTT.

**Purity:**

Greater than 95% as determined by SDS-PAGE.

**Stability:**

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

**Amino Acid Sequence:**

MGSSHHHHHH SGLVPRGSH MGSMAAAEA GGDDARCVRL SAERAQALLA DVDTLLFDCD GVLWRGETAV  
PGAPEALRAL RARGKRLGFI TNNSSKTRAA YAEKLRLRGF GGPAGPGASL EVFGTAYCTA LYLRQLAGA  
PAPKAYVLGS PALAAELEAV GVASVGVGPE PLQEGEPGDW LHAPLEPDVR AVVVGFDPHF SYMKLTKALR  
YLQQPGCLLV GTNMDNRLPL ENGRFIAGTG CLVRAVEMAA QRQADIIGKP SRFIFDCVSQ EYGINPERTV  
MVGDRDLTDI LLGATCGLKT ILTLTGVSTL GDVKNNQESD CVSKKMMVPD FYVDSIADLL PALQG.