

# Human PGPEP1 Recombinant Protein



RPPB2106

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## Product Information    Protein Information

**Product SKU:**

RPPB2106

**Accession:**

Q9NXJ5

**Host:**

Escherichia Coli.

**Protein description:**

PGPEP1 Human Recombinant produced in E.coli is a single, non-glycosylated polypeptide chain containing 232 amino acids (1-209) and having a molecular mass of 25.5kDa. PGPEP1 is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

**Appearance:**

Sterile filtered colorless solution.

**Synonyms:**

Pyroglutamyl-peptidase 1, EC 3.4.19.3, 5-oxopropyl-peptidase, Pyroglutamyl aminopeptidase I, PAP-I, Pyroglutamyl-peptidase I, PGP-I, Pyrrolidone-carboxylate peptidase, PGPEP1, PGPI, PGP, Pcp.

**Formulation:**

The PGPEP1 solution (1mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.15M NaCl, 20% glycerol and 1mM DTT.

**Purity:**

Greater than 95.0% 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 SSSLVPRGSH MGSMEQPRKA VVTGFGPFG EHTVNASWIA VQELEKLGLG DSVDLHVYEI  
PVEYQTVQRL IPALWEKHSP QLVVHVGVS G MATTVTLEKC GHNKGYKGLD NCRFCPGSQ CVEDGPESID  
SIIDMDAVCK RVTTLGLDVS VTISQDAGRY LCDFTYYTSL YQSHGRSAFV HVPPLGKPYN ADQLGRALRA  
IIEMLDLLE QSEGKINYCH KH.