

# Human PGK2 Recombinant Protein



RPPB2605

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## Product Information    Protein Information

**Product SKU:**

RPPB2605

**Accession:**

P07205

**Host:**

Escherichia Coli.

**Protein description:**

PGK2 Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 437 amino acids (1-417a.a.) and having a molecular mass of 46.9kDa. PGK2 is fused to a 20 amino acid His tag at N-Terminus and purified by proprietary chromatographic techniques.

**Appearance:**

Sterile Filtered colorless solution.

**Synonyms:**

Phosphoglycerate kinase 2, DJ417L20.2, PGKB, PGKPSS, Phosphoglycerate kinase, testis specific

**Formulation:**

The PGK2 solution (0.5mg/ml) contains 20% glycerol, 20mM Tris-HCl buffer (pH 8.0), 1mM DTT and 0.1M NaCl.

**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 SGLVPRGSH MSLSKKLTLD KLDVRGKRVI MRVDFNVPMK KNQITNNQRI KASIPSIKYC  
LDNGAKAVVL MSHLGRPDGV PMPDKYSLAP VAVELKSLLG KDVFLKDCV GAEVEKACAN PAPGSVILLE  
NLRFHVEEEG KGQDPSGKKI KAEPDKIEAF RASLSKLGDV YVNDAFGTAH RAHSSMVGVN LPHKASGFLM  
KKELDYFAKA LENPVRPFLA ILGGAKVADK IQLIKNMLDK VNEMIIGGGM AYTFKVLNN MEIGASLFDE  
EGAKIVKDIM AKAQKNGVRI TFPVDFVTGD KFDENAQVGK ATVASGISPG WMGLDCGPES NKNHAQVVAQ  
ARLIVWNGPL GVFEWDAFAK GTKALMDEIV KATSKGCITV IGGGDTATCC AKWNTEDKVS HVSTGGGASL  
ELLEGKILPG VEALSNM

**Biological Activity:**

Specific activity > 500unit/mg. One unit will convert 1 umole of 1,3-Bisphosphoglycerate to 3-PGA per minute at pH 8.0 at 37°C.