

# E.Coli pykF Recombinant Protein



RPPB2645

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## Product Information    Protein Information

**Product SKU:**

RPPB2645

**Accession:**

P0AD61

**Host:**

E.coli.

**Protein description:**

pykF E.Coli Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 494 amino acids (1-470 a.a) and having a molecular mass of 53.3kDa.pykF is fused to a 24 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

**Appearance:**

Sterile Filtered colorless solution.

**Synonyms:**

Pyruvate kinase I, PK-1, pykF, b1676, JW1666.

**Formulation:**

pykF protein solution (1mg/ml) containing 20mM Tris-HCl buffer (pH8.0) and 10% glycerol.

**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 MGSHEMCKTKI VCTIGPKTES EEMLAKMLDA GMNVMRLNFS HGDYAEHGQR  
IQNLRNVMSK TGKTAAILLD TKGPEIRTMK LEGGNDVSLK AGQTFTFTD KSVIGNSEMV AVTYEGFTTD  
LSVGNLTVLVD DGLIGMEVTA IEGNKVICKV LNNGDLGENK GVNLPGVISA LPALAEKDKQ DLIFGCEQGV  
DFVAASFIRK RSDVIEIREH LKAHGGENIH IISKIENQEG LNNFDEILEA SDGIMVARGD LGVEIPVEEV  
IFAQKMMIEK CIRARKVVIT ATQMLDSMIK NPRPTRAEG DVANAILDGT DAVMLSGESA KGKYPLEAVS  
IMATICERTD RVMNSRLEFN NDNRKLRITE AVCRGAVETA EKLDAPLIVV ATQGGKSARA VRKYFPDATI  
LALTTNEKTA HQLVLSKGVV PQLVKEITST DDFYRLGKEL ALQSGLAHKG DVVVMVSGAL VPSGTTNTAS VHVL