

RPPB2544

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## Product Information    Protein Information

**Product SKU:**

RPPB2544

**Accession:**

P0A6F3

**Host:**

Escherichia Coli.

**Protein description:**

GlpK E. Coli Recombinant produced in E. coli is a single, non-glycosylated polypeptide chain containing 525 amino acids (1-502 a.a) and having a molecular mass of 58.6 kDa. GlpK is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

**Appearance:**

Sterile Filtered clear solution.

**Synonyms:**

Glycerol kinase, glycerol 3-phosphotransferase, Glycerokinase, GK.

**Formulation:**

GlpK protein solution (1 mg/ml) containing Phosphate buffered saline (pH7.4), 10% glycerol and 1 mM 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 SGLVPRGSH MGSMTTEKKYI VALDQGTSS RAVVMDHDAN IISVSQREFE QIYPKPGWVE  
HDPMEIWATQ SSSLVEVLAK ADISSDQIAA IGITNQRETT IVWEKETGKP IYNAIVWQCR RTAEICEHLK  
RDGLEDYIRS NTGLVIDPYF SGTKVKWILD HVEGSRERAR RGELLFGTVD TWLIWKMTQG RVHVTDYTNA  
SRTMLFNIHT LDWDDKMLEV LDIPREMLPE VRRSSEVYGQ TNIGGKGGTR IPISGIAGDQ QAALFGQLCV  
KEGMAKNTYG TGCFMLMNTG EKAVKSENGL LTTIACGPTG EVNYALEGAV FMAGASIQWL RDEMKLINDA  
YDSEYFATKV QNTNGVYVVP AFTGLGAPYW DPYARGAIFG LTRGVNANHI IRATLESIA Y QTRDVL EAMQ  
ADSGIRLHAL RVDGGAVANN FLMQFQSDIL GTRVERPEVR EVTALGAA YL AGLAVGFWQN LDELQEKAVI  
EREF RPIG IET TERNYRYAGW KKAVKRAMAW EEHDE.