

Human PCK1 Recombinant Protein



RPPB5841

Product Information Protein Information

Product SKU:

RPPB5841

Accession:

P35558

Host:

E.coli.

Protein description:

PCK1 Human Recombinant produced in E.coli is a single, non-glycosylated polypeptide chain containing 646 amino acids (1-622) and having a molecular mass of 71.7kDa. PCK1 is fused to a 24 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

Appearance:

Sterile Filtered colorless solution.

Synonyms:

Phosphoenolpyruvate carboxykinase 1 (soluble), PEPCK-C, PEPCK1, PEP carboxykinase, phosphoenolpyruvate carboxykinase cytosolic [GTP], EC 4.1.1.32.

Formulation:

The PCK1 solution (0.5mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 100mM NaCl, 1mM DTT and 10% glycerol.

Purity:

Greater than 90% 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:

MGSSHHHHH SGLVPRGSH MGSHPMPQLQ NGLNLSAKVV QGSLDQLPQA VREFLENNAE LCQPDHIHIC
DGSEEEENGL LGQMEEEGIL RRLKKYDNCW LALDPRDVA RIESKTVIVT QEQRDTPVIP KTGLSQLGRW
MSEEDFEKAF NARFPGCMKG RTMYVIPFSM GPLGSPLSKI GIELTDSPIV VASMRIMTRM GTPVLEALGD
GEFVKCLHSV GCPLPLQKPL VNNWPCNPPEL TLIAHLPDRR EIISFGSGYG GNSLLGKKCF ALRMASRLAK
EEGWLAEHML VLGITNPEGE KKYLAAPFAPS ACGKTNLMM NPSLPGWKVE CVGDDIAWMK FDAQGHRLAI
NPENFFGVA PGTSVKTNPN AIKTIQKNTI FTNVAETSDG GYVWEGIDEP LASGVTITSW KNKEWSSDGE
EPCAHNSRF CTPASQCPII DAAWESPEGV PIEGIIFGGR RPAGVPLVYE ALSWQHGKVFV GAAMRSEATA
AAEHKGIIM HDPFAMRPFY GYNFGKYLAH WLSMAQHAAA KLPKIFHVNW FRKDKEGKFL WPGFGENSRV
LEWMFNRIDG KASTKLPIG YIPKEDALNL KGLGHINMME LFSISKEFWE KEVEDIEKYL EDQVNADLPC
EIEREILALK QRISQM.