

RPPB2424

Product Information Protein Information

Product SKU:

RPPB2424

Accession:

P0A6A3

Host:

Escherichia Coli.

Protein description:

Recombinant ACKA produced in E.coli is a single, non-glycosylated polypeptide chain containing 423 amino acids (1-400) and having a molecular mass of 45.7 kDa. The ACKA is fused to a 23 amino acid His-Tag at N-terminus and purified by proprietary chromatographic techniques.

Appearance:

Sterile Filtered clear solution.

Synonyms:

Acetate kinase, Acetokinase, ackA, ack, ACKA, Acetate kinase A and propionate kinase 2.

Formulation:

ACKA protein (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 SGLVPRGSH MGSMSSKLVL VLNCGSSSLK FAIIDAVNGE EYLSGLAECF HLPEARIKWK
MDGNKQEAL GAGAAHSEAL NFIVNTILAQ KPELSAQLTA IGHRIVHGGE KYTSSVVIDE SVIQGIKDA
SFAPLHNPAH LIGIEEALKS FPQLKDNVA VFDTAFHQTM PEESYLYALP YNLYKEHGIR RYGAHGTSHF
YVTQEAAKML NKPVEELNII TCHLGNGGSV SAIRNGKCDV TSMGLTPLEG LVMGTRSGDI DPAAIFHLHD
TLGMSVDAIN KLLTKESGLL GLTEVTSDCR YVEDNYATKE DAKRAMDVYC HRLAKYIGAY TALMDGRLDA
VVFTGGIGEN AAMVRELSLG KLGVLGFEVD HERNLAARFG KSGFINKEGT RPAVVIPTNE ELVIAQDASR LTA.