

Product datasheet for **AR51664PU-N**

Acetate kinase (1-400, His-tag) Escherichia coli Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Acetate kinase (1-400, His-tag) protein, 0.5 mg
Species:	Escherichia coli
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	MGSSHHHHHH SSGLVPRGSH MGSMSSKLVL VLNCGSSSLK FAIDAVNGE EYLSGLAECF HLPEARIKWK MDGNKQEAL GAGAAHSEAL NFIVNTILAQ KPELSAQLTA IGHRIVHGGE KYTSSVIDE SVIQGIKDA SFAPLHNPAH LIGIEEALKS FPQLKDKNVA VFDTAFHQTM PEESYLYALP YNLYKEHGIR RYGAHGTSHF YVTQEAAMKML NKPVEELNII TCHLGNGGSV SAIRNGKCVD TSMGLTPLEG LVMGTRSGDI DPAIIFHLHD TLGMSVDAIN KLLTKESGLL GLTEVTSDCR YVEDNYATKE DAKRAMDVYC HRLAKYIGAY TALMDGRLDA VVFTGGIGEN AAMVRELSLG KLGVLGFEVD HERNLAARFG KSGFINKEGT RPAVVIPTNE ELVIAQDASR LTA
Tag:	His-tag
Predicted MW:	45.7 kDa
Concentration:	lot specific
Purity:	>95% by SDS - PAGE
Buffer:	Presentation State: Purified State: Liquid purified protein Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 0.15M NaCl, 20% glycerol, 1 mM DTT
Preparation:	Liquid purified protein
Storage:	Store undiluted at 2-8°C for one week or (in aliquots) at -20°C to -80°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Summary:	ackA catalyzes the formation of acetyl phosphate from acetate and ATP. This protein can also catalyze the reverse reaction. During anaerobic growth of the organism, this enzyme is also involved in the synthesis of most of the ATP formed catabolically. Recombinant E.coli ackA protein, fused to His-tag at N-terminus, was expressed in E.coli



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Product images:

