

## Product datasheet for **AR51664PU-S**

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

#### Product data:

<b>Product Type:</b>	Recombinant Proteins
<b>Description:</b>	Acetate kinase (1-400, His-tag) protein, 0.1 mg
<b>Species:</b>	Escherichia coli
<b>Expression Host:</b>	E. coli
<b>Expression cDNA Clone or AA Sequence:</b>	MGSSHHHHHH SSGLVPRGSH MGSMSKLV LNCGSSSLK FAIDAVNGE EYLSGLAECF HLPEARIKWK MDGNKQEAL GAGAAHSEAL NFIVNTILAQ KPELSAQLTA IGHRIVHGGE KYTSSVIDE SVIQGIKDA SFAPLHNPALH LIGIEEALKS FPQLKDKNVA VFDTAFHQTM PEESYLYALP YNLYKEHGIR RYGAHGTSHF YVTQEAAMKML NKPVEELNII TCHLGNGGSV SAIRNGKCV TSMGLTPLEG LVMGTRSGDI DPAIIFHLHD TLGMSVDAIN KLLTKESGLL GLTEVTSDCR YVEDNYATKE DAKRAMDVYC HRLAKYIGAY TALMDGRLDA VVFTGGIGEN AAMVRELSLG KLGVLGFEVD HERNLAARFG KSGFINKEGT RPAVVIPTNE ELVIAQDASR LTA
<b>Tag:</b>	His-tag
<b>Predicted MW:</b>	45.7 kDa
<b>Concentration:</b>	lot specific
<b>Purity:</b>	>95% by SDS - PAGE
<b>Buffer:</b>	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
<b>Preparation:</b>	Liquid purified protein
<b>Storage:</b>	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.
<b>Stability:</b>	Shelf life: one year from despatch.
<b>Summary:</b>	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:

