

Recombinant Escherichia coaA Protein, His-tagged

Cat. No. coaA-1615E **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Escherichia coli coaA (NP_418405, 1 a.a. - 316 a.a.) full-length recombinant protein with His tag expressed in Escherichia coli.
Species	E.coli
Source	E.coli
Description	Pantothenate kinase catalyzes the first step in the biosynthesis of coenzyme A, an essential cofactor that is involved in many reactions. [More information is available at EcoCyc: EG10922].
Form	Liquid
Molecular Mass	38.9 kDa
AA Sequence	MGSSHHHHHHSSGLVPRGSHMGSHMSIKEQTLMTPYLQFDRNQWAALRDSVPMT LSEDEIARLKGINEDLSLEEVAEIYLP LSRLLNFYISSNLRRQAVLEQFLGTNGQRIPYII SIAGSVAVGKSTTARVLQALLSRWPEHRRVELITTDGFLHPNQVLKERGLMKKKGFP ESYDMHRLVKFVSDLKSGVPNVTAPVYSHLIYDVIPDGDKT VVQPDILILEGLNVLQS GMDYPHDPHHVFVSDFVDFSIYVDAPEDLLQTWYINRFLKFREGAFTDPDSYFHNY AKLTKEEAIKTAMTLWKEINWLNKQNILPTRERASLILTKSANHAVEEVRLRK
Purity	> 95% by SDS-PAGE
Applications	SDS-PAGE

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Storage Store at -20 centigrade. For long term storage store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

Concentration 1 mg/mL

Storage Buffer In 20 mM Tris-HCl, 200 mM NaCl, pH 8.0 (2 mM DTT, 10% glycerol)

GENE INFORMATION

Gene Name *coaA* pantothenate kinase [*Escherichia coli* str. K-12 substr. MG1655]

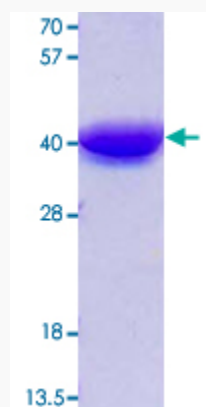
Official Symbol *coaA*

Synonyms *coaA*; pantothenate kinase; ECK3966; JW3942; *panK*; *rts*; *ts-9*

Gene ID 948479

Protein Refseq NP_418405

**Quality Control
Testing:**



15% SDS-PAGE Stained with Coomassie Blue

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