

Pantothenate Kinase Recombinant Protein | COAA recombinant protein

Recombinant E Coli Pantothenate Kinase

CATALOG #
AAA38934

PRODUCT SYNONYMS

Pantothenate Kinase; Recombinant E Coli Pantothenate Kinase; PanK; ts-9; rts; COAA recombinant protein

PRODUCT SPECIFICATIONS

Purity/Purification	Greater than 95% as determined by SDS-PAGE.
Form/Format	The COAA solution (1mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 200mM NaCl, 2mM DTT and 10% glycerol. Sterile Filtered colorless solution.
Sequence	MGSSHHH HHHSSGLVPR GSHMGSHMSIKEQTLM TPYLQFDRNQ WAALRDSVPM TLSEDEIARL KGINEDLSLE EVAEIYPLS RLLNFYISSN LRRQAVLEQF LGTNGQRIPY IISIAGSVAV GKSTTARVLQ ALLSRWPEHR RVELITTDGF LHPNQVLKER GLMKKKGFPE SYDMHRLVKF VSDLKSGVPN VTAPVYSHLI YDVIPDGDKT VVQPDILILE GLNVLQSGMD YPHDPHHVFV SDFVDFSIYV DAPEDLLQTW YINRFLKFRE GAFTDPDSYF HNYAKLTKEE AIKTAMTLWK EINWLNKQN ILPTRERASL ILTKSANHAV EEVRLRK.
Sequence Length	316
Source	E.coli.
Physical Appearance	Sterile Filtered colorless solution.
Preparation and Storage	Store at 4 degree C if entire vial will be used within 2-4 weeks. Store, frozen at -20 degree 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.

ADDITIONAL INFORMATION

Related Product Information for COAA recombinant protein	Description: COAA E Coli Recombinant produced in E Coli is a single, non-glycosylated polypeptide chain containing 340 amino acids (1-316) and having a molecular mass of 38.9kDa.COAA is fused to a 24 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.
Product Categories/Family for COAA recombinant protein	Protein Kinases ; Enzymes ; Protein Kinases

NCBI AND UNIPROT INFORMATION

NCBI GI #	16131808
NCBI GeneID	948479
NCBI Accession #	NP_418405.1
NCBI GenBank Nucleotide #	NC_000913.3
UniProt Accession #	P0A6I3 ; P15044 ; Q2M8R5
Molecular Weight	36,360 Da
NCBI Official Full Name	pantothenate kinase

NCBI Official Symbol	coaA
NCBI Official Synonym Symbols	ECK3966; JW3942; panK; rts; ts-9
NCBI Protein Information	pantothenate kinase
UniProt Protein Name	Pantothenate kinase
UniProt Gene Name	coaA
UniProt Synonym Gene Names	panK; rts
UniProt Entry Name	COAA_ECOLI

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/coaa-recombinant-protein/38934>