

Pantothenate Kinase E.Coli Recombinant

Item Number	rAP-1669
Synonyms	PanK, ts-9, rts.
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.
Uniprot Accession Number	P0A6I3
Amino Acid Sequence	MGSSHHHHH SSGLVPRGSH MGSMSIKEQ TLMPYLQFD RNQWAALRDS VPMTLSEDEI ARL-KGINEDL SLEEVAEIYL PLSRLNFYI SSNLRRQAVL EQFLGTNGQR IPYIISIAGS VAVGKSTTAR VLQALLSRWP EHRRVELITT DGFLHPNQVL KERGLMKKKG FPESYDMHRL VKFVSDLKSG VPNVTAPVYS HLIYDVIPDG DKTVVQPDIL ILEGLNVLQS GMDYPHDPHH VFVSDFDVDFS IYVDAPEDLL QTWYINRFLK FREGAFTDPD SYFHNYAKLT KEEAIKTAMT LWKEINWNLN KQNILPTRER ASLILTKSAN HAVEEVRLRK.
Source	E.coli.
Physical Appearance and Stability	Sterile Filtered colorless solution. 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.
Formulation and Purity	The COAA solution (1mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 200mM NaCl, 2mM DTT and 10% glycerol. Greater than 95% as determined by SDS-PAGE.
Application	
Solubility	
Biological Activity	
Shipping Format and Condition	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**