



Recombinant Arabidopsis thaliana Pantothenate kinase 1 (COAA)

Product Code	CSB-EP017421DOA-B
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	O80765
Product Type	Recombinant Protein
Immunogen Species	Arabidopsis thaliana (Mouse-ear cress)
Purity	>85% (SDS-PAGE)
Sequence	MDPTQISHLA LDIGGTLIKL VYFSANGDYS EESRNGCSVV KGRLCFAKFE TRKIDDCLEF IRFNILHHSV VQQPNEGEGHD KLYVKATGGG AFKFADLFKE KLGILFDKED EMCSLVGGVN FLLKTVPREA FTYLDGQKKF VEIDHNDLYP YLLVNIGSGV SMIKVDGDGK YERISGTSLG GGTFLGLGKL LTKCKSFDEL LELSHHGNNR VIDMLVVDIY GGTDYSKIGL SSTAASSFG KAISDGKELE DYQPEDVARS LLRMISNNIG QIAYLNALRF GLKRIFFGGF FIRGLEYTMD TISVAVHFWS RGEAKAMFLR HEGFLGALGA FTSYNDQSHN DLKPHHHTVQ RAILNCSGHN FRHIPVTSNL NESETIECSI NLV
Source	E.coli
Target Names	PANK1
Protein Names	Recommended name: Pantothenate kinase 1 EC= 2.7.1.33 Alternative name(s): Pantothenic acid kinase 1 Short name= AtCoaA
Expression Region	1-383
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag type will be determined during the manufacturing process.
Protein Length	full length protein
Reconstitution	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.
Shelf Life	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.