



Recombinant Escherichia coli O7:K1 Pantothenate kinase (coaA)

Product Code	CSB-EP482951EON-B
Storage	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.
Uniprot No.	B7NR61
Product Type	Recombinant Protein
Immunogen Species	Escherichia coli O7:K1 (strain IAI39 / ExPEC)
Purity	>85% (SDS-PAGE)
Sequence	MSIQEQLTMT PYLQFDRNQW AALRDSVPMT LSEDEIARLK GINEDLSLEE VAEIYLP LSR LLNFYISSNL RRQAVLEQFL GTNGQRIPYI ISIAGSVAVG KSTTARVLQA LLSRWPEHRR VELITTDGFL HPNQVLKERG LMKKKGFPEP YDMHRLVKFV SDLKSGV PNV TAPVYSHLIY DVIPDGDKT V VQPDILILEG LNVLQSGMDY PHDPHHVFVS DFVDFSIYVD APEDLLQ TWY INRFLKFREG AFTDPDSYFH NYAKLTKEEA IKTAMTLWKE INWLNKQNI LPTRERASLI LTKSANHAVE EVRLRK
Source	E.coli
Target Names	coaA
Protein Names	Recommended name: Pantothenate kinase EC= 2.7.1.33 Alternative name(s): Pantothenic acid kinase
Expression Region	1-316
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.