



Recombinant Pantothenate kinase (coaA)

Product Code	CSB-EP722990SMZ-B
Abbreviation	coaA
Storage	<p>The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself.</p> <p>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.</p>
Uniprot No.	Q5XBZ4
Product Type	Recombinant Protein
Immunogen Species	Streptococcus pyogenes serotype M6 (strain ATCC BAA-946 / MGAS10394)
Purity	≥85% (SDS-PAGE)
Sequence	MSNEFINFEK ISRESWKT LH QKAKALLTQE ELKSITSLND NISINDVIDI YLPLINLIQV YKIAQENLSF SKSLFLKKDI QLRPFIIGIS GSVAVGKSTT SRLQLLLSR THPNSQVELV TTDGFLYPNQ FLIEQGLLNR KGFPE SYNME LLDFLDSIK NGQTAFAPVY SHDIYDIIPN QKQSFNNPDF LIVEGINVFQ NQQNNRLYMS DYFDFSIYID ADSSHIETWY IERFLSILKL AKRDPHNYA QYAQLPRSEA IAFARNVWKT VNLENLEKFI EPTRNRAELI LHKSADHKID EIYLLK
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	1-306
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	<p>The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself.</p> <p>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.</p>