



Recombinant Escherichia coli Coenzyme A biosynthesis bifunctional protein CoaBC (coaBC)

Product Code	CSB-EP364681ENV-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.	P0ABQ0
Product Type	Recombinant Protein
Immunogen Species	Escherichia coli (strain K12)
Purity	>85% (SDS-PAGE)
Sequence	SLAGKKIVL GVS GGIAAYK TPELVRRLRD RGADV RVAMT EAAKAFITPL SLQAVSGYPV SDSLLDPAAE AAMGHIELGK WADLVILAPA TADLIARVAA GMANDLVSTI CLATPAPVAV LPAMNQMYR AAATQHNLEV LASRGLLIWG PDSGSQACGD IGPGRMLDPL TIVDMAVAHF SPVNDLKHLN IMITAGPTRE PLDPVRYISN HSSGKMGFAI AAAAARRGAN VTLVSGPVSL PTPPFVKRVD VMTALEMEAA VNASVQQQNI FIGCAAVADY RAATVAPEKI KKQATQGDEL TIKMKNPDI VAGVAALKDH RPYVVGFAAE TNNVEEYARQ KRIRKNLDLI CANDVSQPTQ GFNSDNNALH LFWQDGDKVL PLERKELLGQ LLLDEIVTRY DEKNRR
Source	E.coli
Target Names	coaBC
Protein Names	Recommended name: Coenzyme A biosynthesis bifunctional protein CoaBC Alternative name(s): DNA/pantothenate metabolism flavoprotein Including the following 2 domains: Phosphopantothenoylcysteine decarboxylase Short name= PPCDC EC
Expression Region	2-406
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 of Mature 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.