



Recombinant Escherichia coli O45:K1 Crotonobetainyl-CoA:carnitine CoA-transferase (caiB)

Product Code	CSB-EP485202EOK
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.	B7MAG1
Product Type	Recombinant Protein
Immunogen Species	Escherichia coli O45:K1 (strain S88 / ExPEC)
Purity	>85% (SDS-PAGE)
Sequence	MDHLPMPKFG PLAGLRVVS GIEIAGPFAG QMFAEWGAEV WIENVAWAD TIRVQPNYPQ LSRRNLHALS LNIFKDEGRE AFLKLMETTD IFIEASKGPA FARRGITDEV LWQHNPCLVI AHLSGFGQYG TEEYTNLPAY NTIAQAFSGY LIQNGDVDQP MPAPPYTADY FSGLTATTAA LAALHKVRET GKGESIDIAM YEVMLRMGQY FMMDYFNGGE MCPRMKTKGKD PYYAGCGLYK CADGYVMEL VGITQIAECF KDIGLAHLLG TPEIPEGTQL IHRIECPYGP LVEEKLDWL AAHTIAEVKE RFAELNIACA KVLTVPELES NPQYVARES TQWQTMDGRT CKGPNIMPKF KNNPGQIWRG MPSHGMDTAA ILKNIGYSEN DIQELVSKGL AKVED
Source	E.coli
Target Names	caiB
Protein Names	Recommended name: Crotonobetainyl-CoA:carnitine CoA-transferase EC=2.8.3.-
Expression Region	1-405
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.