



Recombinant Escherichia coli CarnitinyI-CoA dehydratase (caiD)

Product Code	CSB-MP544402ENX
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.	B1LFW9
Product Type	Recombinant Protein
Immunogen Species	Escherichia coli (strain SMS-3-5 / SECEC)
Purity	>85% (SDS-PAGE)
Sequence	MESLHLTRN GSILEITLDR PKANAIDAKT SFEMGEVFLN FRDDPQLRVA IITGAGEKFF SAGWDLKAAA EGEAPDADFG PGGFAGLTEI FNLDKPVIAA VNGYAFGGGF ELALAADFIV CADNASFALP EAKLGIVPDS GGVLRLPKIL PPAIVNEMVM TGRRMGAEAA LRWGVVNRVV SQAELMDNAR ELAQQLVNSA PLAIAALKEI YRTTSEMPVE EAYRYIRSGV LKNYPSVLHS EDAIEGPLAF AEKRDPVWKG R
Source	Mammalian cell
Target Names	caiD
Protein Names	Recommended name: CarnitinyI-CoA dehydratase EC= 4.2.1.- Alternative name(s): Crotonobetainyl-CoA hydratase
Expression Region	1-261
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.