



Recombinant Clostridium acetobutylicum Acyl-CoA dehydrogenase, short-chain specific (bcd)

Product Code	CSB-EP345965DUB-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.	P52042
Product Type	Recombinant Protein
Immunogen Species	Clostridium acetobutylicum (strain ATCC 824 / DSM 792 / JCM 1419 / LMG 5710 / VKM B-1787)
Purity	>85% (SDS-PAGE)
Sequence	MDFNLTREQE LVRQMVREFA ENEVKPIAAE IDETERFPME NVKKNMGQYGM MGIPFSKEYG GAGGDVLSYI IAVEELSKVC GTTGVILSAH TSLCASLINE HGTEEQKQKY LVPLAKGEKI GAYGLTEPNA GTDSGAQQTAV LEGDHYVI NGSKIFITNG GVADTFVIFA MTDRTKGTKG ISAFIEKGF KGFSIGKVEQ KLGIRASSTT ELVFEDMIVP VENMIGKEGK GFPIAMKTLD GGRIGIAAQA LGIAEGAFNE ARAYMKERKQ FGRSLDKFQG LAWMMADMDV AIESARYLVY KAAYLKQAGL PYTVDAARAK LHAANVAMDV TTKAVQLFGG YGYTKDYPVE RMMRDAKITE IYEGTSEVQK LVISGKIFR
Source	E.coli
Target Names	bcd
Protein Names	Recommended name: Acyl-CoA dehydrogenase, short-chain specific EC=1.3.8.1 Alternative name(s): Butyryl-CoA dehydrogenase SCAD
Expression Region	1-379
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.