



Recombinant Acinetobacter sp. Beta-ketoadipyl-CoA thiolase (pcaF)

Product Code	CSB-EP674880AWW-B
Abbreviation	pcaF
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.	Q43974
Product Type	Recombinant Protein
Immunogen Species	Acinetobacter baylyi (strain ATCC 33305 / BD413 / ADP1)
Purity	≥85% (SDS-PAGE)
Sequence	MKHAYIVDAI RTPFGRYAGG LAAVRADDLG AIPIAALIER NPSVNWAQVD DVIYGCANQA GEDNRNVGRM SALLAGLPVE VPATTVNRLC GSSLDAIAMA ARAIKAGEAH LIIAGGVESM SRAPYVMGKS EGAFGRTQKI EDTTMGWRFI NPCLKAMYGV DTMPQTAENV AEQFGIQRED QDQFAYTSQQ RTAAAQAKGY FAKEIVPVTI PQRKGEPVVI DTDEHPRAST TLEGLAKLKG VVKPEGSVTA GNASGINDGA AAVLIASDEA VAQYQLKARA KIIASTTVGI EPRIMGFAPA PAIKLLKQA NLTLQMDVI ELNEAFAAQA LACTRDGLA DDDARVNPNG GAIALGHPLG ASGARLVTTA LNQLEQSGGK YALCSMCIGV GQGIALIIER V
Source	E.coli
Target Names	pcaF
Protein Names	Recommended name: Beta-ketoadipyl-CoA thiolase EC= 2.3.1.174 Alternative name(s): 3-oxoadipyl-CoA thiolase
Expression Region	1-401
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.