



Recombinant *Erwinia carotovora* subsp. atroseptica 3-ketoacyl-CoA thiolase (fadA)

Product Code	CSB-EP732184EAAB-B
Abbreviation	fadA
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.	Q6DAP6
Product Type	Recombinant Protein
Immunogen Species	Pectobacterium atrosepticum (strain SCRI 1043 / ATCC BAA-672) (<i>Erwinia carotovora</i> subsp. atroseptica)
Purity	≥85% (SDS-PAGE)
Sequence	MEKVVIVDAV RTPMGRSKGG AFRQVRAEDL SAHLMRSLLS RNTALDAREI DDIYWGCVQQ ALEQGFNVAR NAALLAEIPV SVPATTVNRL CGSSMQALHD AARAIMVGDA NVCLIGGVEH MGHVPMNHGV DFHPGLSRTI AKAAGMMGLT AEMLARMHNI SREMQDQFAA RSHQRAYHAT QSGAFRHEIV PTAGHDADGA LQRFDYDEVI RPDTTIDSLA ALKPAFDPVN GTVTAGSSSA LSDGASAMLI MSESRAASLG LPVRARIRAM AVVGCDPSIM GYGPVPATKL ALKRAGLSLA DIGIFELNEA FAAQTLPCIK DLGLLEQLDE KVNLNNGAIA LGHPLGCSGA RISTTLINLM ESRDAQFGVA TMCIGLGQGI ATVFERA
Source	E.coli
Target Names	fadA
Protein Names	Recommended name: 3-ketoacyl-CoA thiolase EC= 2.3.1.16 Alternative name(s): Acetyl-CoA acyltransferase Beta-ketothiolase Fatty acid oxidation complex subunit beta
Expression Region	1-387
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.