



Recombinant Escherichia coli 3-ketoacyl-CoA thiolase (fadI)

Product Code	CSB-EP001117ENP
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	B1IXA4
Product Type	Recombinant Protein
Immunogen Species	Escherichia coli (strain ATCC 8739 / DSM 1576 / Crooks)
Purity	>85% (SDS-PAGE)
Sequence	MGQVLPLVTR QGDRIAIVSG LRTPFARQAT AFHGIPAVDL GKMVVGELLA RSEIPAEVIE QLVFGQVVQM PEAPNIAREI VLGTGMNVHT DAYSVSRACA TSFQAVANVA ESLMAGTIRA GIAGGADSSS VLPIGVSKKL ARVLVDVNKA RTMSQRLKLF SRLRLRDLMP VPPAVAEYST GLRMGD TAEQ MAKTYGITRE QQDALAHRSH QRAAQAWSDG KLKEEVMTAF IPPYKQPFVE DNNIRGNSSL ADYAKLRPAF DRKHGTVTAA NSTPLTDGAA AVILMTESRA KELGLVPLGY LRSYAFTAID VWQDMLLGPA WSTPLALERA GLTMSDLTLI DMHEAFAAQT LANIQLLGSE RFAREVLGRA HATGEVDDSK FNVLGGSIA Y GHPFAATGAR MITQTLHEL RRGGGFGLVT ACAAGGLGAA MVLEAE
Source	E.coli
Target Names	fadI
Protein Names	Recommended name: 3-ketoacyl-CoA thiolase EC= 2.3.1.16 Alternative name(s): ACSs Acetyl-CoA acyltransferase Acyl-CoA ligase Beta-ketothiolase Fatty acid oxidation complex subunit beta
Expression Region	1-436
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.