



# Recombinant Escherichia coli Short-chain-fatty-acid--CoA ligase (fadK)

<b>Product Code</b>	CSB-EP334374ENV
<b>Storage</b>	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.
<b>Uniprot No.</b>	P38135
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Escherichia coli (strain K12)
<b>Purity</b>	>85% (SDS-PAGE)
<b>Sequence</b>	MKVTLTFNEQ RRAAYRQQGL WGDASLADYW QQTARAMPDK IAVVDNHGAS YTYSALDHAA SCLANWMLAK GIESGDRIAF QLPGWCEFTV IYLAACKIGA VSVPLLPSWR EAELVWVLNK CQAKMFFAPT LFKQTRPVDL ILPLQNQLPQ LQQIVGVDKL APATSSLSLS QIIADNTSLT TAITTHGDEL AAVLFTSGTE GLPKGVMMLTH NNILASERAY CARLNLTWQD VFMMPAPLGH ATGFLHGVT A PFLIGARSVL LDIFTPDA CL ALLEQQRCTC MLGATPFVYD LLNVLEKQPA DLSALRFFLC GGTTIPKKVA RECQQRGIKL LSVYGSTESS PHAVVNLDDP LSRFMHTDGY AAAGVEIKVV DDARKTLPPG CEGEEASRGP NVFMGYFDEP ELTARALDEE GWYYSGDL CR MDEAGYIKIT GRKKDIIVRG GENISSREVE DILLQHPKIH DACVVAMSDE RLGERS CAYV VLKAPHHSLS LEEVVAFFSR KRVAKYKYPE HIVVIEKLPR TTSGKIQKFL LRKDIMRRLT QDVCEEIE
<b>Source</b>	E.coli
<b>Target Names</b>	fadK
<b>Protein Names</b>	Recommended name: Short-chain-fatty-acid--CoA ligase EC= 6.2.1.- Alternative name(s): Acyl-CoA synthetase
<b>Expression Region</b>	1-548
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	Tag type will be determined during the manufacturing process.
<b>Protein Length</b>	full length protein
<b>Reconstitution</b>	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.
<b>Shelf Life</b>	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself.



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