



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

Product Code	CSB-EP334374ENV-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.	P38135
Product Type	Recombinant Protein
Immunogen Species	Escherichia coli (strain K12)
Purity	>85% (SDS-PAGE)
Sequence	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 VLKAPHHLSLS LEEVVAFFSR KRVAKYKYPE HIVVIEKLPR TTSGKIQKFL LRKDIMRRLT QDVCEEIE
Source	E.coli
Target Names	fadK
Protein Names	Recommended name: Short-chain-fatty-acid--CoA ligase EC= 6.2.1.- Alternative name(s): Acyl-CoA synthetase
Expression Region	1-548
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.