



Recombinant Long-chain-fatty-acid--CoA ligase (fadD)

Product Code	CSB-EP302467EGX
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	P69452
Product Type	Recombinant Protein
Immunogen Species	Escherichia coli O6:H1 (strain CFT073 / ATCC 700928 / UPEC)
Purity	>85% (SDS-PAGE)
Sequence	MKKVWLNRYP ADVPTEINPD RYQSLVDMFE QSVARYADQP AFVNMGEVMT FRKLEERSRA FAAYLQQGLG LKKGDRVALM MPNLLQYPVA LFGILRAGMI VVNVNPLYTP RELEHQLNDS GASAIIVSN FAHTLEKVVD KTAVQHVILT RMGDQLSTAK GTVVNFVVKY IKRLVPKYHL PDAISFRSAL HNGYRMQYVK PELVPEDLAF LQYTGTTGV AKGAMLTHRN MLANLEQVNA TYGPLLHPGK ELVVTALPLY HIFALTINCL LFIELGGQNL LITNPRDIPG LVKELAKYPF TAITGVNTLF NALLNNKEFQ QLDFSSLHLS AGGGMPVQQV VAERWVKLTG QYLLEGYGLT ECAPLVSVNP YDIDYHSGSI GLPVPSTEAK LVDDDDNEVP PGQPGELCVK GPQVMLGYWQ RPDATDEIIK NGWLHTGDIA VMDEEGFLRI VDRKKDMILV SGFNVYPNEI EDVVMQHPGV QEVAAVGVPS GSSGEAVKIF VVKKDPSLTE ESLVTFCRRQ LTGYKVPKLV EFRDELPSKN VGKILRREL DEARGKVDNK A
Source	E.coli
Target Names	fadD
Protein Names	Recommended name: Long-chain-fatty-acid--CoA ligase EC= 6.2.1.3 Alternative name(s): Long-chain acyl-CoA synthetase Short name= Acyl-CoA synthetase
Expression Region	1-561
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.