



Recombinant Escherichia coli Fatty acid oxidation complex subunit alpha (fadJ)

Product Code	CSB-EP300589ENV-B
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	P77399
Product Type	Recombinant Protein
Immunogen Species	Escherichia coli (strain K12)
Purity	>85% (SDS-PAGE)
Sequence	MEMTSAFTLN VRLDNIAVIT IDVPGKMNNT LKAEFASQVR AIIKQLRENK ELRGVVFVSA KPDNFIAGAD INMIGNCKTA QEAEALARQG QQLMAEIHAI PIQVIAAIHG ACLGGGLELA LACHGRVCTD DPKTVLGLPE VQLGLLPGSG GTQRLPRLIG VSTALEMILT GKQLRAKQAL KLGLVDDVVP HSILLEAAVE LAKKERPSSR PLPVRERILA GPLGRALLFK MVGKKTEHKT QGNYPATERI LEVVETGLAQ GTSSGYDAEA RAFGELAMTP QSQUALRSIFF ASTDVKKDPG SDAPPAPLNS VGILGGGLMG GGIAYVTACK AGIPVRIKDI NPQGINHALK YSWDQLEGKV RRRHLKASER DKQLALISGT TDYRGFAHRD LIIEAVFENL ELKQQMVAEV EQNCAAHTIF ASNTSSLPIG DIAAHATRPE QVIGLHFFSP VEKMPLVEII PHAGTSAQTI ATTVKLAKKQ GKTPIVVRDK AGFYVNRILA PYINEAIRML TQGERVEHID AALVKFGFPV GPIQLLDEVG IDTGTKIIPV LEAAYGERFS APANVVSSIL NDDRKGRKNG RGFYLYGQKG RKSCKQVDPA IYPLIGTQGQ GRISAPQVAE RCVMLMLNEA VRCVDEQVIR SVRDGDIGAV FGIGFPPFLG GPFYIDSLG AGEVVAIMQR LATQYGSRFT PCERLVEMGA RGESFWKTTA TDLQ
Source	E.coli
Target Names	fadJ
Protein Names	Recommended name: Fatty acid oxidation complex subunit alpha Including the following 2 domains: Enoyl-CoA hydratase/3-hydroxybutyryl-CoA epimerase EC= 4.2.1.17 EC= 5.1.2.3 3-hydroxyacyl-CoA dehydrogenase EC= 1.1.1.35
Expression Region	1-714
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.