



Recombinant Escherichia coli O45:K1 Fatty acid oxidation complex subunit alpha (fadB)

Product Code	CSB-YP486092EOK
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.	B7MHD1
Product Type	Recombinant Protein
Immunogen Species	Escherichia coli O45:K1 (strain S88 / ExPEC)
Purity	>85% (SDS-PAGE)
Sequence	<p> MLYKGDITYL DWLEDGIAEL VFDTPGSVNK LDTATVASLG EAIGVLEQQS DLKGLLLRSN KAAFIVGADI TEFLSLFLVP EEQLSQWLHF ANSVFNRLD LPVPTIAAVN GYALGGGCEC VLATDYRLAT PDLRIGLPET KLGIMPGFGG SVRMPRMLGA DSALEIIAAG KDVGADQALK IGLVDGVVKA EKLVEGAIAI LRQAINGDLW WKAKRQPKLE PLKLSKIEAA MSFTIAKGMV AQTAGKHYP PITAVKTIEA AARFGREEAL NLENKSFVPL AHTNEARALV GIFLNDQYVK GKAKKLTADV ETPKQAAVLG AGIMGGGIAY QSAWKGVPV MKDINDKSLT LGMTEAAKLL NKQLERKID GLKLAGVIST IHPTLDYAGF DRVDVVVEAV VENPKVKKAV LAETEQKVRP DTVLASNTST IPISELANAL ERPENFCGMH FFNPVHRMPL VEIRGEKSS DETIAKVVAV ASKMGKTPIV VNDCPGFFVN RVLFPYFAGF SLLLRDAGAGF RKIDKVMKQ FGWPMGPAYL LDVVGIDTAH HAQAVMAAGF PQRMQKDYRD AIDALFDANR FGQKNGLGFW RYKEDSKGKP KKEEDVVVDD LLAKVSQPKR DFSEEEIAR MMIPMVNEVV RCLEEGIIAT PAEADMALVY GLGFPPFHGG AFRWLDTLGS AKYLDMAQQY QHLGPLYEVP EGLRNKARHN EPYYPPEVA RPVGD LKTA </p>
Source	Yeast
Target Names	fadB
Protein Names	Recommended name: Fatty acid oxidation complex subunit alpha Including the following 2 domains: Enoyl-CoA hydratase/Delta(3)-cis-Delta(2)-trans-enoyl-CoA isomerase/3-hydroxybutyryl-CoA epimerase EC= 4.2.1.17 EC= 5.1.2.3 EC=
Expression Region	1-729
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

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