



# Recombinant Escherichia coli Fatty acid oxidation complex subunit alpha (fadB)

<b>Product Code</b>	CSB-EP541031ENT-B
<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>	B1XAK8
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Escherichia coli (strain K12 / DH10B)
<b>Purity</b>	≥85% (SDS-PAGE)
<b>Sequence</b>	<p>MLYKGDITYL DWLEDGIAEL VFDAPGSV NK LDTATVASLG EAIGVLEQQS  DLKGLLLRSN KAAFIVGADI TEFLSLFLVP EEQLSQWLHF ANSVFNRLD  LPVPTIAAVN GYALGGGCEC VLATDYRLAT PDLRIGLPET KLGIMPGFGG  SVRMPRMLGA DSALEIIAAG KDVGADQALK IGLVDGVVKA EKLVEGAKAV  LRQAINGDLD WKAKRQPKLE PLKLSKIEAT MSFTIAKGMV AQTAGKHYP  PITAVKTIEA AARFGREEAL NLENKSFVPL AHTNEARALV GIFLNDQYVK  GKAKKLT KDV ETPKQAAVLG AGIMGGGIAY QSAWKGVPV MKDINDKSLT  LGMTEAAKLL NKQLER GKID GLKLAGVIST IHPTLDYAGF DRVDIVVEAV  VENPKVKKAV LAETE QKVRQ DTVLASNTST IPISELANAL ERPENFCGMH  FFNPVHRMPL VEIRGEKSS DETIAKVVAW ASKMGKTPIV VNDCPGFFVN  RVLFPYFAGF SLLLRD GADF RKIDKVM EKQ FGWPMGPAYL LDVVGIDTAH  HAQAVMAAGF PQRMQKDYRD AIDALFDANR FGQKNGLGFW  RYKEDSKGKP KKEEDA AVED LLAEVSQPKR DFSEEEIAR MMIPMVNEVV  RCLEEGIIAT PAEADMALVY GLGFPPFHGG AFRWLDTLGS AKYLDMAQQY  QHLGPLYEVP EGLRNKARHN EPYYPPEPA RPVGDLKTA</p>
<b>Source</b>	E.coli
<b>Target Names</b>	fadB
<b>Protein Names</b>	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=
<b>Expression Region</b>	1-729
<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.

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