



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

<b>Product Code</b>	CSB-BP324141ENV
<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>	P21177
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Escherichia coli (strain K12)
<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 LLAEV SQPKR DFSEEEIAR MMIPMVNEVV            RCLEEGIIAT PAEADMALVY GLGFPPFHGG AFRWLDTLGS AKYLDMAQQY            QHLGPLYEVP EGLRNKARHN EPYYPPEPA R PVGDLKTA         </p>
<b>Source</b>	Baculovirus
<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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