



# Recombinant Escherichia coli O127:H6 Fatty acid oxidation complex subunit alpha (fadB)

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|--------------------------|---|
| <b>Product Code</b>      | CSB-YP488185EOB   |
| <b>Storage</b>           | The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself.<br>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>       | B7UNH4  |
| <b>Product Type</b>      | Recombinant Protein   |
| <b>Immunogen Species</b> | Escherichia coli O127:H6 (strain E2348/69 / EPEC)   |
| <b>Purity</b>            | ≥85% (SDS-PAGE)   |
| <b>Sequence</b>          | MLYKGDITYL DWLEDGIAEL VFDAPGSV NK LDTATVASLG EAIGVLEQQS<br>DLKGLLLRSN KAAFIVGADI TEFLSLFLVP EEQLSQWLHF ANSVFNRLD<br>LPVPTIAAVN GYALGGGCEC VLATDYRLAT PDLRIGLPET KLGIMPGFGG<br>SVRMPRMLGA DSALEIIAAG KDVGADQALK IGLVDGVVKA EKLVEGAMAI<br>LRQAINGDLD WKAKRQPKLE PLKLSKIEAA MSFTIAKGMV AQTAGKHYP<br>PITAVKTIEA AARFGREEAL NLENKSFVPL AHTNEARALV GIFLNDQYVK<br>GKAKKLT KDV ETPKQAAVLG TGIMGGGIAY QSAWKDVPV MKDINDKSLT<br>LGMTEAAKLL NKQLERGKID GLKLAGVIST IHPTLDYAGF DRVDVVVEAV<br>VENPKVKKAV LAETEQKVRP DTVLASNTST IPISELANAL ERPENFCGMH<br>FFNPVHRMPL VEIIRGEKSS DETIAKVVAW ASKMGKTPIV VNDCPGFFVN<br>RVLFPYFAGF SLLLRDGADF RKIDKVMKQ FGWPMGPAYL LDVVGIDTAH<br>HAQAVMAAGF PQRMQKDYRD AIDALFNANR FGQKNGLGF<br>RYKEDSKGKP KKEEDA AVDD LLAEVSQPKR DFSEEEIAR MMIPMVNEVV<br>RCLEEGIIAT PAEADMALVY GLGFPPFHGG AFRWLDTLGS AKYLDMAQQY<br>QHLGPLYEVP EGLRNKARHN EPYYPPEPA RPVGDLKTA |
| <b>Source</b>            | Yeast   |
| <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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