



# Recombinant Escherichia coli O7:K1 Fatty acid oxidation complex subunit alpha (fadB)

<b>Product Code</b>	CSB-EP488107EON-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>	B7NV20
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Escherichia coli O7:K1 (strain IAI39 / ExPEC)
<b>Purity</b>	>85% (SDS-PAGE)
<b>Sequence</b>	<p>           MLYKGDITLYL DWLEDGIAEL VFDAPGSVVK LDTATVASLG EAIGVLEQQS            DLKGLLLRSN KAAFIVGADI TEFLSLFLVP EEQLSQWLHF ANSVFNRLD            LPVPTIAAVN GYALGGGCEC VLATDYRLAT PDLRIGLPET KLGIMPGFGG            SVRMPRMLGA DSALEIIAAG KDVGADQALK IGLVDGVVKA EKLVEGAMAI            LRQAINGDLD WKAKRQPKLE PLKLSKIEAT MSFTIAKGMV AQTAGKHYPY            PITAVKTIEA AARFGREEAL NLENKSFVPL AHTNEARALV GIFLNDQYVK            GKAKKLTQDV ETPKQAAVLG AGIMGGGIAY QSAWKGVPV MKDINDKSLT            LGMTEAAKLL NKQLERKID GLKLAGVIST IHPTLDYAGF DRVDIVVEAV            VENPKVKKAV LAETEQKVRP DTVLASNTST IPISELANAL ERPENFCGMH            FFNPVHRMPL VEIRGEKSS DETIAKVVAW ASKMGKTPIV VNDCPGFFVN            RVLFPYFAGF SQLLRDADF RKIDKVMKQ FGWPMGPAYL LDVVGIDTAH            HAQAVMAAGF PQRMQKDYRD AIDALFDANR FGQKNGLGFW            RYKEDSKGKP KKEEDAVVDD LLAEVSQPKR DFSEEEIAR MMIPMVNEVV            RCLEEGIIAT PAEADMALVY GLGFPPFHGG AFRWLDTLGS AKYLDMAQQY            QHLGPLYEVP EGLRNKARHN EPYYPPEPA RPYVGLKTA         </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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