



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

<b>Product Code</b>	CSB-YP485253EOK
<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>	B7MGV7
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Escherichia coli O45:K1 (strain S88 / ExPEC)
<b>Purity</b>	>85% (SDS-PAGE)
<b>Sequence</b>	MEMASAFTLN VRLDNIAIIT IDVPGEKMNT LKAEFASQVR AIIKQIRENK ELRGVVFVSA KPDNFIAGAD INMIGNCKTA QEAEVLARQG QQLMAEIHAI PIPVIAAIHG ACLGGGLELA LACHGRVCTD DPKTVLGLPE VQLGLLPGSG GTQRLPRLIG VSTALEMILT GKQLRAKQAV KLGLVDDVVP HSILLEAAVE LAKQDRPSSR PLPVRERILA GPLGRALLFK MVGKKTEHKT QGNYPATERI LEVVETGLAQ GTSSGYDAEA RAFGELAMTP QSQALRNIFF ASTDVKKDPG SDAPPAPLNS VGILGGGLMG GGIAYVTACK AGLPVRIKDI NPRGINHALK YSWDQLEGKV RRRHLKASER DKQLALISGT TDYCGFAHRD LIIEAVFENL ELKQQMVAEV EQNCATHTIF ASNTSSLPIG DIAAHAARPE QVIGLHFFSP VEKMPLVEII PHASTSAQTI ATTVKLAKKQ GKTPIVVRDK AGFYVNRILA PYINEAIRML TEGERIEHID AALVKFGFPV GPIQLLDEVG IDTGTKIMPV LEAAYGERFS APANVVSSIL NDDRKGRKNG RGFYLYGQKG CKSKKQVDPA IYPLIGAQQG GRLSAPQVAE RCVMLMLNEA VRCLDEQVIR SVRDGDIGAV FGIGFPPFLG GPFYIDSLG AGEVVAIMQR LATQYGSRFT PCDRLVEMSE RGESFWKTTA TDLQ
<b>Source</b>	Yeast
<b>Target Names</b>	fadJ
<b>Protein Names</b>	Recommended name: Fatty acid oxidation complex subunit alpha Including the following 2 domains: Enoyl-CoA hydratase/3-hydroxybutyryl-CoA epimerase EC= 4.2.1.17 EC= 5.1.2.3 3-hydroxyacyl-CoA dehydrogenase EC= 1.1.1.35
<b>Expression Region</b>	1-714
<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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