



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

<b>Product Code</b>	CSB-MP486378EON
<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>	B7NP24
<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>	MEMASAFTLN VRLDNIAIIT IDVPGEKMNT LKAEFASQVR AIIKQLRENK ELRGVVFISA KPDNFIAGAD INMIGNCKTA QEAEVLARQG QQLMAEIHAI PVPVIAAIHG ACLGGGLELA LACHGRVCTD DAKTVLGLPE VQLGLLPGSG GTQRLPRLIG VSTALEMILT GKQLRAKQAL KLGLVDDVVP QSILLEAAVE LAKQDRPSSR PLPVRERILA GPLGRALLFK MVGKKTEHKT QGNYPATERI LEVETGLAQ GTSSGYDAEA RAFGELAMTP QSQALRNIFF ASTEVKKDPG SDAPPAPLNS VGILGGGLMG GGIAVVTACK AGLPVRIKDI NPQGINHALK YSWDQLEGKV RRRHLKASER DKQLALISGT TDYCGFAHRD LIIEAVFENL ELKQQMVAEV EQNCATHTIF ASNTSSLPIG DIAAHAARPE QVIGLHFFSP VEKMPLVEII PHASTSAQTI ATTVKLAKKQ GKTPIVVRDK AGFYVNRILA PYINEAIRML TEGERIEHID AALVKFGFPV GPIQLLDEVG IDTGTKIIPV LEAAYGERFS APANVVSSIL NDDRKGRKNG RGFYLYGQKG RSKKKQVDPA IYPLIGAQQG GRLSAPQVAE RCVMLMLNEA VRCLDEQVIR SVRDGDIGAV FGIGFPPFLG GPFYIDSLG AGEVVAIMQR LATQYGSRFT PCERLVEMSK RGESFWKTTA TDLQ
<b>Source</b>	Mammalian cell
<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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