



# Recombinant Escherichia coli O157:H7 Fatty acid oxidation complex subunit alpha (fadJ)

<b>Product Code</b>	CSB-EP475578EOE-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>	B5YXY4
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Escherichia coli O157:H7 (strain EC4115 / EHEC)
<b>Purity</b>	>85% (SDS-PAGE)
<b>Sequence</b>	MEMTSAFTLN VRLDNIAIT IDVPGEKMNT LKAEFASQVR AIIKQLRENK ELRGVVFVSA KPDNFIAGAD INMIGNCKTA QEAEALARQG QQLMAEIHAI PIPVIAAIHG ACLGGGLELA LACHGRVCTD DPKTVLGLPE VQLGLLPGSG GTQRLPRLIG VSTALEMILT GKQLRAKQAL KLGLVDDVVP HSILLEAAVE LAKKDRPSSR PLPVRERILA GPLGRALLFK MVGKKTEHKT QGNYPATERI LEVVETGLAQ GTSSGYDAEA RAFGELAMTP QSQUALRSIFF ASTEVKKDPG SDAPPAPLNS VGILGGGLMG GGIAYVTACK AGIPVRIKDI NPQGINHALK YSWDQLEGKV RRRHLKASER DKQLALISGT TDYRGFAHRD LIIEAVFENL ELKQQMVAEV EQNCAAHTIF ASNTSSLPIG DIAAHATRPE QVIGLHFFSP VEKMPLVEII PHAGTSAQTI ATTVKLAKKQ GKTPIVVRDK AGFYVNRILA PYINEAIRML TEGERVAHID AALVKFGFPV GPIQLLDEVG IDTGTKIIPV LEAAYGERFS APANVVSSIL NDDRKGRKNG RGFYLYGQKG RSKKKQVDPA IYPLIGAQQG GRLSAPQVAE RCVMLMLNEA VRCVDEQVIR SVRDGDIGAV FGIGFPPFLG GPFYIDSLG AGEVVAIMQR LATQYGSRFT PCERLVEMGA RGESFWKTTA TDLQ
<b>Source</b>	E.coli
<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.

---

**Shelf Life**

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.