



# Recombinant Escherichia coli PFL-like enzyme TdcE (tdcE)

<b>Product Code</b>	CSB-EP337154ENV-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>	P42632
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Escherichia coli (strain K12)
<b>Purity</b>	>85% (SDS-PAGE)
<b>Sequence</b>	MKVDIDTSDK LYADAWLGFK GTDWKNEINV RDFIQHNYTP YEGDESFLAE ATPATELWE KVMEGIRIEN ATHAPVDFDT NIATTITAHD AGYINQPLEK IVGLQTDAPL KRALHPFGGI NMIKSSFHAY GREMDSEFEY LFTDLRKTHN QGVFDVYSPD MLRCRKSGVL TGLPDGYGRG RIIGDYRRVA YLGISYLVRE RELQFADLQS RLEKGEDLEA TIRLREELAE HRHALLQIQE MAAKYGFDIS RPAQNAQEAV QWLYFAYLAA VKSQNGGAMS LGRTASFLDI YIERDFKAGV LNEQQAQELI DHFIMKIRMV RFLRTPEFDS LFSGDPIWAT EVIGGMGLDG RTLVTKNSFR YLHTLHTMGP APEPNLTILW SEELPIAFKK YAAQVSIVTS SLQYENDDLM RTDFNSDDYA IACCVSPMVI GKQMQFFGAR ANLAKTLLYA INGGVDEKLG IQVGPKTAPL MDDVLDYDKV MDSLDHFMDW LAVQYISALN IIHYMHDKYS YEASLMALHD RDVYRTMACG IAGLSVATDS LSAIKYARVK PIRDENGLAV DFEIDGEYPQ YGNNDERVDS IACDLVERFM KKIKALPTYR NAVPTQSILT ITSNVVYGQK TGNTPDGRRR GTPFAPGANP MHGRDRKGAV ASLTSVAKLP FTYAKDGISY TFSIVPAALG KEDPVRKTNL VGLLDGYFHH EADVEGGQHL NVNVMNREML LDAIEHPEKY PNLTIRVSGY AVRFNALTRE QQQDVISRTF TQAL
<b>Source</b>	E.coli
<b>Target Names</b>	tdcE
<b>Protein Names</b>	Recommended name: PFL-like enzyme TdcE Alternative name(s): Keto-acid formate acetyltransferase Keto-acid formate-lyase Ketobutyrate formate-lyase Short name= KFL EC= 2.3.1.- Pyruvate formate-lyase Short name= PFL
<b>Expression Region</b>	1-764
<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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