



# Recombinant Escherichia coli Isocitrate lyase (aceA)

<b>Product Code</b>	CSB-MP364327ENV
<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>	P0A9G6
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Escherichia coli (strain K12)
<b>Purity</b>	>85% (SDS-PAGE)
<b>Sequence</b>	MKTRTQQIEE LQKEWTQPRW EGITRPYSAE DVVKLRGSVN PECTLAQLGA AKMWRLHGE SKKGYINSLG ALTGGQALQQ AKAGIEAVYL SGWQVAADAN LAASMYPDQS LYPANSVPAV VERINNTFRR ADQIQWSAGI EPGDPRYVDY FLPIVADAEA GFGGVLNAFE LMKAMIEAGA AAVHFEDQLA SVKKCGHMGG KVLVPTQEI QKLVAARLAA DVTGVPTLLV ARTDADAADL ITSDCDPYDS EFITGERTSE GFFRTHAGIE QAISRGLAYA PYADLVWCET STPDLELARR FAQAIHAKYP GKLLAYNCSP SFNWQKNLDD KTIASFQQQL SDMGYKFQFI TLAGIHSMWF NMFDLANAYA QGEGMKHYVE KVQQPEFAAA KDGYTFVSHQ QEVGTGYFDK VTTIIQGGTS SVTALTGST E SQF
<b>Source</b>	Mammalian cell
<b>Target Names</b>	aceA
<b>Protein Names</b>	Recommended name: Isocitrate lyase Short name= ICL Short name= Isocitrase Short name= Isocitratase EC= 4.1.3.1
<b>Expression Region</b>	1-434
<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.
<b>Shelf Life</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.