



Recombinant Escherichia coli O6:H1 Isocitrate lyase (aceA)

Product Code	CSB-EP359295EGX-B
Storage	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.
Uniprot No.	P0A9G7
Storage Buffer	Lyophilized from Tris/PBS-based buffer, 6% Trehalose, pH 8.0
Product Type	Recombinant Proteins
Immunogen Species	Escherichia coli O6
Purity	≥85% (SDS-PAGE)
Sequence	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 SVTALTGSTESQF
Source	E.coli
Target Names	aceA
Protein Names	Recommended name: Isocitrate lyase Short name= ICL Short name= Isocitrased Short name= Isocitratase EC= 4.1.3.1
Expression Region	1-434
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag type will be determined during the manufacturing process.
Protein Length	full length protein
Reconstitution	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.