



# Recombinant Salmonella typhimurium Isocitrate lyase (aceA)

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|--------------------------|--|
| <b>Product Code</b>      | CSB-EP344312SXB-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.<br>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>       | P51066   |
| <b>Product Type</b>      | Recombinant Protein  |
| <b>Immunogen Species</b> | Salmonella typhimurium (strain LT2 / SGSC1412 / ATCC 700720)   |
| <b>Purity</b>            | ≥85% (SDS-PAGE)  |
| <b>Sequence</b>          | MKTRTQQIEE LQKEWTQPRW EGITRPYSAE EVVKLRGSVN PECTLAQLGA AKMWRLHGE AKKGYINSLG ALTGGQALQQ AKAGIEAIYL SGWQVAADAN LASSMYPDQS LYPANSVPAV VDRINNTFRR ADQIQWASGI EPNDPRYVDY FLPIVADAEA GFGGVLNAFE LMKSMIEAGA AAVHFEDQLA SVKKCGHMGG KVLVPTQEAI QKLVAARLAA DVMGVPTLVI ARTDADAADL ITSDCDPYDS GFITGERTSE GFYRTHAGIE QAISRGLAYA PYADLVWCET STPDLELARR FADAIHAKYP GKLLAYNCSP SFNWQKNLDD KTIASFQQQL SDMGYKYQFI TLAGIHSMWF NMFDLAHAYA QGEGMKHYVE KVQQPEFAAA KDGYTFVSHQ QEVGTGYFDK VTTIIQGGAS SVTALTGST E AQF |
| <b>Source</b>            | E.coli   |
| <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.<br>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.   |