



# Recombinant Escherichia coli O7:K1 Acetyl-coenzyme A carboxylase carboxyl transferase subunit alpha (accA)

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|--------------------------|---|
| <b>Product Code</b>      | CSB-YP487178EON   |
| <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>       | B7NIE7  |
| <b>Product Type</b>      | Recombinant Protein   |
| <b>Immunogen Species</b> | Escherichia coli O7:K1 (strain IAI39 / ExPEC)   |
| <b>Purity</b>            | >85% (SDS-PAGE)   |
| <b>Sequence</b>          | MSLNFLDFEQ PIAELEAKID SLTAVSRQDE KLDINIDEEV HRLREKSVEL<br>TRKIFADLGA WQIAQLARHP QRPYTLDYVR LAFDEFDELA GDRAYADDKA<br>IVGGIARLDG RPVMIIGHQK GRETKEKIRR NFGMPAPEGY RKALRLMQMA<br>ERFKMPIITF IDTPGAYPGV GAEERGQSEA IARNLREMSR LSVPTICTVI<br>GEGGSGGALA IGVGDKVNML QYSTYSVISP EGCASILWKS ADKAPLAAEA<br>MGIAPRLKE LKLIDSIPE PLGGAHRNPE AMAASLKAQL LADLADLDVL<br>STEDLKNRRY QRLMSYGYA                              |
| <b>Source</b>            | Yeast   |
| <b>Target Names</b>      | accA  |
| <b>Protein Names</b>     | Recommended name: Acetyl-coenzyme A carboxylase carboxyl transferase subunit alpha Short name= ACCase subunit alpha Short name= Acetyl-CoA carboxylase carboxyltransferase subunit alpha EC= 6.4.1.2  |
| <b>Expression Region</b> | 1-319   |
| <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.   |