



# Recombinant *Oryza sativa* subsp. *indica* 1-aminocyclopropane-1-carboxylate synthase 1 (ACC1)

|                          |   |
|--------------------------|---|
| <b>Product Code</b>      | CSB-EP383710OFF-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>       | A2XLL2  |
| <b>Product Type</b>      | Recombinant Protein   |
| <b>Immunogen Species</b> | <i>Oryza sativa</i> subsp. <i>indica</i> (Rice)   |
| <b>Purity</b>            | >85% (SDS-PAGE)   |
| <b>Sequence</b>          | MVSQVVAEEK PQLLSKKAGC NSHGQDSSYF LGWQEYEKNP FDPVSNPSGI IQMGLAENQL SFDLLEEWLE KNPHALGLRR EGGGASVFRE LALFQDYHGL PAFKNALARF MSEQRGYKVV FDPSNIVLTA GATSANEALM FCLADHGDAF LIPTPYYPGF DRDLKWRTGA EIVPVHCASA NGFRVTRPAL DDAYRRAQKR RLRVKGVLIT NPSNPLGTAS PRADLETIVD FVAAKGIHLI SDEIYAGTAF AEPPAGFVSA LEVVAGRDGG GADVSDRVHV VYSLSKDLGL PGFRVGAIS ANAAVVAAT KMSSFGLVSS QTQYLLAALL GDRDFTRSIV AENKRRIKER HDQLVDGLRE IGIGCLPSNA GLFCWVDM SH LMRSRSFAGE MELWKKVVFV VGLNISPSS CHCREPGWFR VCFANMSAKT LDVAMQRLRS FVDSATGGGD NAALRRAAVP VRSVSCPLAI KWALRLTPSI ADRKAER |
| <b>Source</b>            | E.coli  |
| <b>Target Names</b>      | ACC1  |
| <b>Protein Names</b>     | Recommended name: 1-aminocyclopropane-1-carboxylate synthase 1 Short name= ACC synthase 1 EC= 4.4.1.14 Alternative name(s): S-adenosyl-L-methionine methylthioadenosine-lyase 1   |
| <b>Expression Region</b> | 1-487   |
| <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.