



# Recombinant Arabidopsis thaliana 1-aminocyclopropane-1-carboxylate synthase 4 (ACS4)

<b>Product Code</b>	CSB-BP672619DOA
<b>Abbreviation</b>	ACS4
<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>	Q43309
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Arabidopsis thaliana (Mouse-ear cress)
<b>Purity</b>	>85% (SDS-PAGE)
<b>Sequence</b>	MVQLSRKATC NSHGQVSSYF LGWEEYEKNP YDVTKNPQGI IQMGLAENQL CFDLLESWLA QNTDAACFKR DGQSVFRELA LFQDYHGLSS FKNADFMS ENRGNRVSFD SNNLVLTAGA TSANETLMFC LADPGDAFLP PTPYYPGFDR DLKWRTGVEI VPIQSSSTNG FRITKLALAE AYEQAKKLDL NVKGILITNP SNPLGTTTTQ TELNILDFDI TKNKNIHLVS DEIYSGTVFN SSEFISVMEI LKNNQLENTD VLNRVHIVCS LSKDLGLPGF RVGAIYSNDK DVISAATKMS SFGLVSSQTQ YLLSSLLSDK KFTKNYLREN QKRLKNRQRK LVLGLEAIGI KCLKSNAGLF CWVDMRPLL RSKTFEAEMDL WKKIVYEVKL NISPGSSCHC EEPGWFRVCF ANMIDETLKL ALKRLKMLVD DENSSRRCQK SKSERLNGSR KKTMSNVSNW VFRLSFHDRE AEER
<b>Source</b>	Baculovirus
<b>Target Names</b>	ACS4
<b>Protein Names</b>	Recommended name: 1-aminocyclopropane-1-carboxylate synthase 4 Short name= ACC synthase 4 EC= 4.4.1.14 Alternative name(s): S-adenosyl-L-methionine methylthioadenosine-lyase 4
<b>Expression Region</b>	1-474
<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.



## Shelf Life

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