



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

Product Code	CSB-MP672619DOA
Abbreviation	ACS4
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.	Q43309
Product Type	Recombinant Protein
Immunogen Species	Arabidopsis thaliana (Mouse-ear cress)
Purity	>85% (SDS-PAGE)
Sequence	MVQLSRKATC NSHGQVSSYF LGWEEYEKNP YDVTKNPQGI IQMGLAENQL CFDLLESWLA QNTDAACFKR DGQSVFRELA LFDQYHGLSS FKNADFMS ENRGNRVSFD SNNLVLTAGA TSANETLMFC LADPGDAFLP PTPYYPGFDR DLKWRTGVEI VPIQSSSTNG FRITKLALEE 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
Source	Mammalian cell
Target Names	ACS4
Protein Names	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
Expression Region	1-474
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

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