



Recombinant Arabidopsis thaliana 1-aminocyclopropane-1-carboxylate synthase 9 (ACS9)

Product Code	CSB-EP873448DOA
Abbreviation	ACS9
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.	Q9M2Y8
Product Type	Recombinant Protein
Immunogen Species	Arabidopsis thaliana (Mouse-ear cress)
Purity	>85% (SDS-PAGE)
Sequence	MKQLSRKVTS NAHGQDSSYF LGWEEYEKNP YDEIKNPNGI IQMGLAENQL CFDLIETWLA KNPDAAGLKK DGQSIFKELA LFQDYHGLPE FKKALAEFME EIRGNRVTFD PSKIVLAAGS TSANETLMFC LAEPGDAFL PTPYYPGFDR DLKWRTGAEI VPIHCSSSNG FQITESALQQ AYQQAQKLDL KVKGVLVTNP SNPLGTMLTR RELNLLVDFI TSKNIHLISD EIYSGTVFGF EQFVSVMDVL KDKNLENSEV SKRVHIVYSL SKDLGLPGFR VGAIYSNDEM VVSAATKMSS FGLVSSQTQY LLSALLSDKK FTSTYLDENQ KRLKIRQKKL VSGLEAAGIT CLKSNAGLFC WVDMRHLLDT NTFEALELW KKIVYDVKLN ISPGSSCHCT EPGWFRVCFA NMSEDTLDLA MKRLKEYVES TDSRRVISKS SHDRIKSLRK RTVSNWVFRV SWTDRVPDER
Source	E.coli
Target Names	ACS9
Protein Names	Recommended name: 1-aminocyclopropane-1-carboxylate synthase 9 Short name= ACC synthase 9 EC= 4.4.1.14 Alternative name(s): Ethylene-overproduction protein 3 S-adenosyl-L-methionine methylthioadenosine-lyase 9
Expression Region	1-470
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

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.