



Recombinant Arabidopsis thaliana 1-aminocyclopropane-1-carboxylate synthase-like protein 1 (ACS1)

Product Code	CSB-EP001146DOA
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	Q06429
Product Type	Recombinant Protein
Immunogen Species	Arabidopsis thaliana (Mouse-ear cress)
Purity	>85% (SDS-PAGE)
Sequence	MSQGACENQL LSKLALSDKH GEASPYFHGW KAYDNNPFHP THNPQGVIQM GLAENQLCSD LIKEWIKENP QASICTAEGI DSFSDIAVFQ DYHGLKQFRQ AIATFMERAR GGRVRFEAER VVMSSGATGA NETIMFCLAD PGDAFLVPTP YYAAFDRDLR WRTGVRIIPV ECSSSNFQI TKQALESAYL KAQETGIKIK GLIISNPLGT SLDRETLESL VSFINDKQIH LVCDEIYAAT VFAEPGFISV AEIIQEMYYV NRDLIHIVYS LSKDMGLPGF RVGVVYSYND VVVSCARRMS SFGLVSSQTQ SFLAAMLSDQ SFVDNFLVEV SKRVAKRHHM FTEGLEEMGI SCLRSNAGLF VLMDLRHMLK DQTFDSEMAL WRVIINKVKI NVSPGSSFHC SEPGWFRVCF ANMDEDTLQI ALERIKDFVV GDRANKNKNC NCICNNKREN KKRKSFQKNL KLSLSSMRYE EHVRSPLKMS PHSPLLRA
Source	E.coli
Target Names	ACS1
Protein Names	Recommended name: 1-aminocyclopropane-1-carboxylate synthase-like protein 1
Expression Region	1-488
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.