



# Recombinant Arabidopsis thaliana 1-aminocyclopropane-1-carboxylate synthase 7 (ACS7)

<b>Product Code</b>	CSB-EP882956DOA
<b>Abbreviation</b>	ACS7
<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>	Q9STR4
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Arabidopsis thaliana (Mouse-ear cress)
<b>Purity</b>	>85% (SDS-PAGE)
<b>Sequence</b>	MGLPLMMERS SNNNNVELSR VAVSDTHGED SPYFAGWKAY DENPYDESHN PSGVIQMGLA ENQVSFDLLE TYLEKKNPEG SMWGSKGAPG FRENALFQDY HGLKTRQAM ASFMEQIRGG KARFDPDRIV LTAGATAANE LLTFILADPN DALLVPTPY PGFDRDLRWR TGVKIVPIHC DSSNHQITP EALESAYQTA RDANIRVRGV LITNPSNPLG ATVQKKVLED LLDFCVRKNI HLVSDEIYSG SVFHASEFTS VAEIVENIDD VSVKERVHIV YLSKDLGLP GFRVGTIYSY NDNVVRTARR MSSFTLVSSQ TQHMLASMLS DEEFTEKYIR INRERLRRRY DTIVEGLKKA GIECLKGNAG LFCWMNLGFL LEKKTGDGEL QLWDVILKEL NLNISPSSC HCSEVGWFRV CFANMSENTL EIALKRIHEF MDRRRRF
<b>Source</b>	E.coli
<b>Target Names</b>	ACS7
<b>Protein Names</b>	Recommended name: 1-aminocyclopropane-1-carboxylate synthase 7 Short name= ACC synthase 7 EC= 4.4.1.14 Alternative name(s): S-adenosyl-L-methionine methylthioadenosine-lyase 7
<b>Expression Region</b>	1-447
<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

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.