



Recombinant Arabidopsis thaliana Thermospermine synthase ACAULIS5 (ACL5)

Product Code	CSB-MP871002DOA
Abbreviation	ACL5
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.	Q9S7X6
Product Type	Recombinant Protein
Immunogen Species	Arabidopsis thaliana (Mouse-ear cress)
Purity	>85% (SDS-PAGE)
Sequence	MGEAVEVMFG NGFPEIHKAT SPTQTLHSNQ QDCHWYEETI DDDLKWSFAL NSVLHQGTSE YQDIALLDTK RFGKVLVIDG KMQSAERDEF IYHECLIHPA LLFHPNPKTV FIMGGGEGSA AREILKHTTI EKVVMCDIDQ EVVDFCRRFL TVNSDAFCNK KLELVIKDAK AELEKREEKF DIIVGDLADP VEGGPCYQLY TKSFYQNILK PKLSPNGIFV TQAGPAGIFT HKEVFYSIYN TMKQVFKYVK AYTAHVPSFA DTWGWVMASD HEFDVEVDEM DRRIEERVNG ELMYLNAPSF VSAATLNKTI SLALEKETEV YSEENARFIH GHGVAYRHI
Source	Mammalian cell
Target Names	ACL5
Protein Names	Recommended name: Thermospermine synthase ACAULIS5 EC= 2.5.1.79
Expression Region	1-339
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.