



Recombinant Arabidopsis thaliana UDP-sulfoquinovose synthase, chloroplastic (SQD1)

Product Code	CSB-EP524335DOA
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.	O48917
Product Type	Recombinant Protein
Immunogen Species	Arabidopsis thaliana (Mouse-ear cress)
Purity	≥85% (SDS-PAGE)
Sequence	VMVI GGDGYCGWAT ALHLSKKNYE VCIVDNLVRR LFDHQLGLES LTPIASIHDR ISRWKALTGK SIELYVGDIC DFEFLAESFK SFEPDSVVHF GEQRSAPYSM IDRSRAVYTQ HNNVIGTLNV LFAIKEFGEE CHLVKLGTMG EYGTPNIDIE EGYITITHNG RTDTLPYPKQ ASSFYHLSKV HDSHNAFTC KAWGIRATDL NQGVVYGVKT DETEMHEELR NRLDYDAVFG TALNRFCVQA AVGHPLTVYG KGGQTRGYLD IRDTVQCVEI AIANPAKAGE FRVFNQFTEQ FSVNELASLV TKAGSKLGLD VKKMTVPNPR VEAEEHYNA KHTKLMELGL EPHYLSDSLL DSLLNFAVQF KDRVDTKQIM PSVSWKKIGV KTKSMTT
Source	E.coli
Target Names	SQD1
Protein Names	Recommended name: UDP-sulfoquinovose synthase, chloroplastic EC=3.13.1.1 Alternative name(s): Sulfite:UDP-glucose sulfotransferase Sulfolipid biosynthesis protein
Expression Region	87-477
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 of Mature 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.