



Recombinant Arabidopsis thaliana Acyl-[acyl-carrier-protein] desaturase 5, chloroplastic (S-ACP-DES5)

Product Code	CSB-EP864957DOA-B
Abbreviation	S-ACP-DES5
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.	Q9M879
Product Type	Recombinant Protein
Immunogen Species	Arabidopsis thaliana (Mouse-ear cress)
Purity	>85% (SDS-PAGE)
Sequence	V SMASTIRSAT TEVTNGRKLY IPPREHVQV KHSMPQKLE IFKSLEGWAD ETLLTYLKPV EKSWQPTDFL PEPESEGFYD QVKELRERCK ELPDDYFVVL VGDMITEEAL PTYQTMLNLT DGVRDET GAS PTPWAIWTRA WTAEENRHGD LLNKYLYLSG RVD MRQIEKT IQYLIGSGMD PKTENNPYLG FIYTSFQERA TFISHGNTAR LAKDRGDLKL AQICGTIAAD ERRHETAYTK IVEKLF EIDP DGTILGLADM MKKKISMPAH LMYDGQDDNL FEHFSTVAQR LGVYTAKDYA DILEFLVERW NVETLTDLSS EGHRAQDFVC GLPARIRKIE ERAQGRAKEA AKNIPFSWIF GRNIRA
Source	E.coli
Target Names	S-ACP-DES5
Protein Names	Recommended name: Acyl-[acyl-carrier-protein] desaturase 5, chloroplastic EC= 1.14.19.2 Alternative name(s): Stearoyl-ACP desaturase 5
Expression Region	30-396
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.