



Recombinant Arabidopsis thaliana Acyl-[acyl-carrier-protein] desaturase 1, chloroplastic (S-ACP-DES1)

Product Code	CSB-EP878479DOA-B
Abbreviation	S-ACP-DES1
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.	Q9LF04
Product Type	Recombinant Protein
Immunogen Species	Arabidopsis thaliana (Mouse-ear cress)
Purity	>85% (SDS-PAGE)
Sequence	SDS TAVGRKLYIP PREVHLQVKY SMPPQKLEIF KSLEGWANDN LLAYLKPVEK SWQPTDFLPE PESEGFYDQV KELRERCKEL SDDYLIVLVG DMITEEALPT YQTMINTLDG VRDETGASPT PWAVWTRAWT AEENRHGDLL NKYLYLSGRV DMRQIEKTIQ YLIGSGMDPK TENNPYLGFI YTSFQERATF ISHGNTARLA KDLGDLTLGK ICGTIAADER RHEHAYTKIV EKLFEIDPDT TVVGFADMMR KKISMPAHLM YDGRDDNLFDFHSSVAQRLG VYTAKDYADI LQHLVERWNV EKLSDLSSSEG NRAQDYLCGL PARIRKLEER AQGRTKEAAK NIPFSWIFGR EVRA
Source	E.coli
Target Names	S-ACP-DES1
Protein Names	Recommended name: Acyl-[acyl-carrier-protein] desaturase 1, chloroplastic EC= 1.14.19.2 Alternative name(s): Stearoyl-ACP desaturase 1
Expression Region	38-394
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.