



Recombinant Arabidopsis thaliana Acyl-[acyl-carrier-protein] desaturase 4, chloroplastic (S-ACP-DES4)

Product Code	CSB-EP868139DOA-B
Abbreviation	S-ACP-DES4
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.	Q9M880
Product Type	Recombinant Protein
Immunogen Species	Arabidopsis thaliana (Mouse-ear cress)
Purity	>85% (SDS-PAGE)
Sequence	ATNPSK TFRPIKEVSN QVTHITQEK LEIFKSMENW AQENLLSYLK PVETSWQPQD FLPETKDEDR FYEQVKELRD RTKEIPDDYF VVLVGD MITE EALPTYQTVM NTLDGAKDET GVSLTPWAVW LRAWTAENR HGDLLNKYLY LSGRVDTRHV EKTIQYLIGS GMDTKYENNP YNGYIYTSFQ ERATFISHAN TAKLATTYGD TTLAKICGTI AADEKRHEMA YTRIVEKLFE IDPDGTVQAL ASMMRKRITM PAQLMHDGRD DNLFDHYAAV AQRIGVYTAT DYAGILEFLL RRWEVEKLG M GLSGEGRRAQ DYLC TLPQRI RRLEERADDR VKRASKSKPS VSFSWIYGRE VEL
Source	E.coli
Target Names	S-ACP-DES4
Protein Names	Recommended name: Acyl-[acyl-carrier-protein] desaturase 4, chloroplastic EC= 1.14.19.2 Alternative name(s): Stearoyl-ACP desaturase 4
Expression Region	45-403
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.