



Recombinant *Oryza sativa* subsp. *indica* Acyl-[acyl-carrier-protein] desaturase 1, chloroplastic (OsI_04666)

Product Code	CSB-EP488325OFF-B
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.	B8A7A3
Product Type	Recombinant Protein
Immunogen Species	<i>Oryza sativa</i> subsp. <i>indica</i> (Rice)
Purity	>85% (SDS-PAGE)
Sequence	AAVL TAAETATATR RRVTHSMPPE KAEVFRSLEG WARSSLLPLL KPVEECWQPT DFLPDSSEM FEHQVHELRA RAAGLPDEYF VLVGDMITE EALPTYQTM I NTLDGVRDET GASACPWAVW TRTWAEENR HGDILGKMY LSGRVDMRMV EKTQYLIGS GMDPGTENNP YLGFVYTSFQ ERATAVSHGN TARLARAHDG DVLARTCGTI AADEKRHETA YGRIVEQLLR LDPDGAMLAI ADMMHKRITM PAHLMHDGRD MNLFDHFAAV AQRLNVYTAR DYADIVEFLV KRWKLETLET GLSGEGRRAR DFVCGLAKRM RRAAERAEDR AKKDEQRKVK FSWIYDREVI V
Source	<i>E.coli</i>
Target Names	OsI_04666
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	27-381
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.