



Recombinant Arabidopsis thaliana Allene oxide synthase, chloroplastic (CYP74A)

Product Code	CSB-EP846539DOA-B
Abbreviation	CYP74A
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.	Q96242
Product Type	Recombinant Protein
Immunogen Species	Arabidopsis thaliana (Mouse-ear cress)
Purity	>85% (SDS-PAGE)
Sequence	LKFRVLTRP IKASGSETPD LTVATRTGSK DLPIRNIPGN YGLPIVGPIK DRWDYFYDQG AEEFFKSRIR KYNSTVYRVN MPPGAFIAEN PQVVALLDGK SFPVLFVDVK VEKKDLFTGT YMPSTELTGG YRILSYLDPS EPKHEKLNK LFFLLKSSRN RIFPEFQATY SELFDSLEKE LSLK GKADFG GSSDGTAFNF LARAFYGTNP ADTKLKADAP GLITKWVLFN LHPLLSIGLP RVIEEPLIHT FSLPPALVKS DYQRLYEFFL ESAGEILVEA DKLGISREEA THNLLFATCF NTWGGMKILF PNMVKRIGRA GHQVHNRLAE EIRSVIKSNG GELTMGAIEK MELTKSVVYE CLRFEPVTA QYGRAKKDLV IESHDAAFKV KAGEMLYGYQ PLATRDPKIF DRADEFVPER FVGEEGEKLL RHVLWSNGPE TETPTVGNKQ CAGKDFVVLV ARLFVIEIFR RYDSFDIEVG TSPLGSSVNF SSLRKASF
Source	E.coli
Target Names	CYP74A
Protein Names	Recommended name: Allene oxide synthase, chloroplastic EC= 4.2.1.92 Alternative name(s): Cytochrome P450 74A Hydroperoxide dehydrase
Expression Region	22-518
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.