



# Recombinant Arabidopsis thaliana Allene oxide synthase, chloroplastic (CYP74A)

<b>Product Code</b>	CSB-YP846539DOA
<b>Abbreviation</b>	CYP74A
<b>Storage</b>	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.
<b>Uniprot No.</b>	Q96242
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Arabidopsis thaliana (Mouse-ear cress)
<b>Purity</b>	>85% (SDS-PAGE)
<b>Sequence</b>	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 RHLVWSNGPE TETPTVGNKQ CAGKDFVVLV ARLFVIEIFR RYDSFDIEVG TSPLGSSVNF SSLRKASF
<b>Source</b>	Yeast
<b>Target Names</b>	CYP74A
<b>Protein Names</b>	Recommended name: Allene oxide synthase, chloroplastic EC= 4.2.1.92 Alternative name(s): Cytochrome P450 74A Hydroperoxide dehydrase
<b>Expression Region</b>	22-518
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	Tag type will be determined during the manufacturing process.
<b>Protein Length</b>	Full Length of Mature Protein
<b>Reconstitution</b>	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.
<b>Shelf Life</b>	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.