

Allene oxide synthase, chloroplastic (CYP74A) Recombinant Protein | CYP74A recombinant protein

Recombinant Arabidopsis thaliana Allene oxide synthase, chloroplastic (CYP74A)

CATALOG #
AAA117234

HOST
E Coli or Yeast or Baculovirus or Mammalian Cell

PRODUCT SYNONYMS

Allene oxide synthase; chloroplastic (CYP74A); Recombinant Arabidopsis thaliana Allene oxide synthase; CYP74A recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE.
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Sequence Positions	22-518, Full length protein
Sequence	LKFRVLTRPI KASGSETPDL TVATRTGSKD LPIRNIPGNY GLPIVGPIKD RWDYFYDQGA EEFKSRIRK YNSTVYRVNM PPGAFIAENP QVVALLDGKS FPLVFDVDKV EKKDLFTGTY MPSTELTGGY RILSYLDPSE PKHEKLKLL FLLKSSRN RIFPEFQATYS ELFDSLEKEL SLKGKADFGG SSDGTAFNFL ARAFYGTNPA DTKLKADAPG LITKWVLFNL HPLLSIGLPR VIEEPLIHTF SLPPALVKSD YQRLYEFFLE SAGEILVEAD KLGISREEAT HNLLFATCFN TWGGMKILFP NMVKRIGRAG HQVHNRLAEE IRSVIKSNGG ELTMGAIEKM ELTKSVVYEC LRFEPVTAQ YGRAKKDLVI ESHDAAFVKV AGEMLYGYQP LATRDPKIFD RADEFVPERF VGEEGEKLLR HVLWSNGPET ETPTVGNKQC AGKDFVVLVA RLFVIEIFRR YDSFDIEVGT SPLGSSVNFS SLRKASF
Sequence Length	497
Species	Arabidopsis thaliana (Mouse-ear cress)
Preparation and Storage	Store at -20 degrees C. For long-term storage, store at -20 degrees C or -80 degrees C. Store working aliquots at 4 degrees C for up to one week. Repeated freezing and thawing is not recommended.

NCBI AND UNIPROT INFORMATION

NCBI GI #	15239032
NCBI GeneID	834273
NCBI Accession #	NP_199079.1
NCBI GenBank Nucleotide #	NM_123629.4
UniProt Accession #	Q96242 ; P93720 ; Q9ZR51
Molecular Weight	58,197 Da
NCBI Official Full Name	allene oxide synthase
NCBI Official Symbol	AOS
NCBI Official Synonym Symbols	allene oxide synthase; CYP74A; CYTOCHROME P450 74A; DDE2; DELAYED DEHISCENCE 2
NCBI Protein Information	allene oxide synthase
UniProt Protein Name	Allene oxide synthase, chloroplastic

UniProt Gene Name	CYP74A
UniProt Synonym Gene Names	AOS

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/cyp74a-recombinant-protein-e-coli-or-yeast-or-baculovirus-or-mammalian-cell/117234>