



Recombinant *Oryza sativa* subsp. *japonica* Allene oxide synthase 2 (CYP74A2)

Product Code	CSB-EP773733OFG-B
Abbreviation	CYP74A2
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.	Q7XYS3
Product Type	Recombinant Protein
Immunogen Species	<i>Oryza sativa</i> subsp. <i>japonica</i> (Rice)
Purity	>85% (SDS-PAGE)
Sequence	MELGVPLPRR PVPGSYGVPF VSAVRDRLDF YYLQGQDKYF ESRAERYGST VVRINVPPGP FMARDPRVVA LLDAKSFPVL FDVAKVEKRD VFTGTFMPST SLTGGYRVCA YLDPSEPCHA KIKQLLSLL VSRKDAFVPV FRSNFGALLD TVESQLASGG GKSDFTALND ATSFEFIGEA YFGVRPSASS SLGTGGPTKA ALWLLWQLAP LTTGLPMII EDPLLHTLPL PPFLISSDYK ALYAYFAAAA SQALDAAEGL GLSREEACHN LLFATVFNSY GGFKLLLPQI LSRVAQAGEK LHERLAAEIR SAVADAGGNV TLAALEKMEL TRSVVWEALR LDPPVRFQYG RAKADLEIES HDASFAIKKG EMLFGYQPCA TRDPRVFGAT AREFVGDRFV GEEGRKLLQY VYWSNGRETE NPSVDNKQCP GKNLVVLVGR LLLVELFLRY DTFTAEGKK VVITGVTKAS TSAVNRTA
Source	E.coli
Target Names	CYP74A2
Protein Names	Recommended name: Allene oxide synthase 2 EC= 4.2.1.92 Alternative name(s): Cytochrome P450 74A2 Hydroperoxide dehydrase 2
Expression Region	1-478
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 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.