



Recombinant *Oryza sativa* subsp. japonica Allene oxide synthase 3 (CYP74A3)

Product Code	CSB-EP754525OFG
Abbreviation	CYP74A3
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.	Q6Z6L1
Product Type	Recombinant Protein
Immunogen Species	<i>Oryza sativa</i> subsp. japonica (Rice)
Purity	>85% (SDS-PAGE)
Sequence	MAPPPVNSGD AAAAATGEKS KLSPSGLPIR EIPGGYGVPF FSPLRDRLDY FYFQGAE EYF RSRVARHGGA TVLRVNMPPG PFISGNPRVV ALLDARSFRV LLDDSMVDKA DTLDGTYMPS RALFGGHRPL AFLDAADPRH AKIKRVVMSL AAARMHHVAP AFRAAFAAMF DAVEAGLGAA VEFNKLMRY MLDFTCAALF GGEPPSKVVG DGAVTKAMAW LAFQLHPIAS KVVKPWPLEE LLLHTFSLPP FLVRRGYADL KAYFADAAAA VLDDAEKSHT GIPRDELNDN LVFVAIFNAF GGFKIFLPHI VKWLARAGPE LHAKLATEVR ATVPTGEDDG ITLAAVERMP LVKSVVWEAL RMNPPVEFQY GHARRDMVVE SHDAAAYVRK GEMLFQYQPL ATRDEKVFDR AGEFVADRFV AGGAAGDRPL LEHVVWSNGP ETRAPSEGK QCPGKDMVVA VGRLMVAELF RRYDTFAADV VEAPVEPVVT FTSLTRASSG
Source	E.coli
Target Names	CYP74A3
Protein Names	Recommended name: Allene oxide synthase 3 EC= 4.2.1.92 Alternative name(s): Cytochrome P450 74A3 Hydroperoxide dehydrase 3
Expression Region	1-500
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.



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