



# Recombinant Arabidopsis thaliana Abscisic acid 8'-hydroxylase 3 (CYP707A3)

<b>Product Code</b>	CSB-EP880736DOA
<b>Abbreviation</b>	CYP707A3
<b>Storage</b>	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
<b>Uniprot No.</b>	Q9FH76
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Arabidopsis thaliana (Mouse-ear cress)
<b>Purity</b>	≥85% (SDS-PAGE)
<b>Sequence</b>	MDFSGLFLTL SAAALFLCLL RFIAGVRRSS STKLPLPPGT MGYPYVGETF QLYSQDPNVF FAAKQRRYGS VFKTHVLGCP CVMISSPEAA KFVLVTKSHL FKPTFPASKE RMLGKQAIFH HQGDYHSLR KLVRAFMPD AIRNMVPHIE SIAQESLNSW DGTQLNTYQE MKTYTFNVAL ISILGKDEVY YREDLKRCYY ILEKGYNSMP INLPGTLFHK AMKARKELAQ ILANILSKRR QNPSSHTDLL GSFMEDKAGL TDEQIADNII GVIFAARDTT ASVLTWILKY LADNPTVLEA VTEEQMAIRK DKKEGESLTW EDTKKMPLTY RVIQETLRAA TILSFTFREA VEDVEYEGYL IPKGWKVLPL FRNIHNNADI FSDPGKFDPS RFEVAPKPNT FMPFGSGIHS CPGNELAKLE ISVLIHHLTT KYRWSIVGPS DGIQYGPFFAL PQNGLPIDALE RKP
<b>Source</b>	E.coli
<b>Target Names</b>	CYP707A3
<b>Protein Names</b>	Recommended name: Abscisic acid 8'-hydroxylase 3 Short name= ABA 8'-hydroxylase 3 EC= 1.14.13.93 Alternative name(s): Cytochrome P450 707A3
<b>Expression Region</b>	1-463
<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 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.