



Recombinant Arabidopsis thaliana Abscisic acid 8'-hydroxylase 4 (CYP707A4)

Product Code	CSB-EP888738DOA-B
Abbreviation	CYP707A4
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	Q9LJK2
Product Type	Recombinant Protein
Immunogen Species	Arabidopsis thaliana (Mouse-ear cress)
Purity	≥85% (SDS-PAGE)
Sequence	MAEIWFLVVP ILILCLLLVR VIVSKKKKNS RGKLPPGSMG WPYLGETLQL YSQNPNVFFT SKQKRYGEIF KTRILGYPCV MLASPEAARF VLVTHAHMFK PTYPRSKEKL IGPSALFFHQ GDYHSHIRKL VQSSFYPETI RKLIPDIEHI ALSSLQSWAN MPIVSTYQEM KKFAFDVGIL AIFGHLESSY KEILKHNYNI VDKGYNSFPM SLPGTSYHKA LMARKQLKTI VSEIICERRE KRALQTDFLG HLLNFKNEKG RVLQTQEQIAD NIIGVLFAAQ DTTASCLTWI LKYLHDDQKL LEAVKAEQKA IYEENSREKK PLTWRQTRNM PLTHKVIVES LRMASIISFT FREAVVDVEY KGYLIPKGWK VMPLFRNIHH NPKYFSNPEV FDPSRFEVNP KPNTFMPFGS GVHACPGNEL AKLQILIFLH HLVSNFRWEV KGGKEKGIQYS PFPIPQNGLP ATFRRHSL
Source	E.coli
Target Names	CYP707A4
Protein Names	Recommended name: Abscisic acid 8'-hydroxylase 4 Short name= ABA 8'-hydroxylase 4 EC= 1.14.13.93 Alternative name(s): Cytochrome P450 707A4
Expression Region	1-468
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.