



Recombinant Arabidopsis thaliana 3-oxoacyl-[acyl-carrier-protein] synthase II, chloroplastic (KAS2)

Product Code	CSB-EP887250DOA-B
Abbreviation	KAS2
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.	Q9C9P4
Product Type	Recombinant Protein
Immunogen Species	Arabidopsis thaliana (Mouse-ear cress)
Purity	≥85% (SDS-PAGE)
Sequence	ASSGGAM AVMEMEKEAA VNKKPPTQR RVVVTGMGVE TSLGHDPHTF YENLLQGNSG ISQIENFDCS EFPTRIAGEI KSFSTEGWVA PKLSKRMDKF MLYLLTAGKK ALADGGVTDE VMAEFDKTKC GVLIGSAMGG MKVFYDAIEA LRISYKKMNP FCVPFATTNM GSAMLAMD LG WMGPNYSIST ACATSNFCIL NSANHIKGE ADVMLCGGSD AVIPIGLGG FVACRALSQR NNDPTKASRP WDTNRDGFVM GEGAGVLLLE ELEHAKKRG A TIYAEFLGGS FTCDAYHMTE PHPDGAGVIL CIERALASAG ISKEQINYIN AHATSTHAGD IKEYQALAH C FGQNPELKVN STKSMIGHLL GAAGAVEAVA TVQAIRTGWV HPNINLENPD SGVDTKLLVG PKKERLDIKA ALSNSFGFGG HNSSIIFAPY K
Source	E.coli
Target Names	KAS2
Protein Names	Recommended name: 3-oxoacyl-[acyl-carrier-protein] synthase II, chloroplastic EC= 2.3.1.41 Alternative name(s): Beta-ketoacyl-acyl-carrier-protein synthase II Short name= AtKAS2 Short name= Beta-ketoacyl-ACP synthetase 2 P
Expression Region	104-541
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 of Mature 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.