



Recombinant Arabidopsis thaliana 3-ketoacyl-CoA synthase 3 (KCS3)

Product Code	CSB-EP878549DOA
Abbreviation	KCS3
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.	Q9LQP8
Product Type	Recombinant Protein
Immunogen Species	Arabidopsis thaliana (Mouse-ear cress)
Purity	≥85% (SDS-PAGE)
Sequence	KRDQN CYILDYQCHK PSDDRMVNTQ FSGDIILRNK HLRLNEYKFL LKAIVSSGIG EQTYAPRLFF EGREQRPTLQ DGLSEMEEFY IDTIEKVLKR NKISPSEIDI LVVNVSM LNS TPLSARIIN HYKMREDIKV FNLTAMGCSA SVISIDIVKN IFKTYKNKLA LVVTSESLSP NWYSGNNRSM ILANCLFRSG GCAVLLTNKR SLSRRAMFKL RCLVRTHHGA RDDSFNACVQ KEDELGHIGV HLDKTLPKAA TRAFIDNLKV ITPKILPVTE LLRFMLCLLL KCLRSSPSKG STNVTQAAPK AGVKAGINFK TGIDHFCIHT GGKAVIDAIG YSLDLNEYDL EPARMTLHRF GNTSASSLWY VLG YMEAKKR LKRGRVFM I SFGAGFKCNS CVWEVVRDLN VGEAVGNVWN HCINQYPPKS ILNPF FEKYG WIHEEEDPDT FKMPEGFM
Source	E.coli
Target Names	KCS3
Protein Names	Recommended name: 3-ketoacyl-CoA synthase 3 Short name= KCS-3 EC= 2.3.1.- Alternative name(s): Very long-chain fatty acid condensing enzyme 3 Short name= VLCFA condensing enzyme 3
Expression Region	26-478
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 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.



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