

Recombinant Full Length Arabidopsis Thaliana 3-Ketoacyl-CoA Synthase 9(Kcs9) Protein, His-Tagged

Cat. No. RFL36827AF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Arabidopsis thaliana 3-ketoacyl-CoA synthase 9(KCS9) Protein (Q9SIX1) (1-512aa), fused to N-terminal His tag, was expressed in E. coli.
Species	Arabidopsis thaliana
Source	E.coli
ProteinLength	Full Length (1-512)
Form	Lyophilized powder
AA Sequence	MEAA NEPVNGG SVQIR TENNERR KLPNFLQSVNMKYVKLG YHYLITHLFKLC LVPLM AVL VTEISRLT TDDLYQIWLHLQYNLVAFIFLSAL AIFGSTVYIMSRPRSVYLV DYSCY LPPE SLQVKYQKFMDH SKLIEDFNESSLEFQRKILERSGLGEETYLPEALHCIPPRPT MMAARE ESEQVMFGALDKLFENTKINPRDIGVLVVNCSLFNPTPSLSAMIVNKYKLR GNVKSFNLG GMGCSAGVISIDLAKDMLQVHRNTYAVVVSTENITQNWYFGNKKAML IPNCLFRVGGSAI LLSNKGKDRRRSKYKLVHTVVRTHKGAVEKAFNCVYQE QDDNGK TGVSLSKDLMAIAGEAL KANITTLGPLVLP ISEQILFFMTLVTKKLFNSKLKPYIPDFKL AFDHFCIHAGGRAVIDE LEKNLQLSQTHVEASRMTLHRFGNTSSSSIWYELAYIEAK GRMKKGNRVWQIAFGSGFKC NSAVWVALNNVKPSVSSPWEHCIDRYPVKLD F
Purity	Greater than 90% as determined by SDS-PAGE.
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

for up to one week.

Storage

Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.

Storage Buffer

Tris/PBS-based buffer, 6% Trehalose, pH 8.0

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.

GENE INFORMATION

Gene Name

KCS9

Synonyms

KCS9; At2g16280; F16F14.22; 3-ketoacyl-CoA synthase 9; KCS-9; Very long-chain fatty acid condensing enzyme 9; VLCFA condensing enzyme 9

UniProt ID

[Q9SIX1](#)

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