

Recombinant Full Length Arabidopsis Thaliana 3-Ketoacyl-CoA Synthase 1(Kcs1) Protein, His-Tagged

Cat. No. RFL24239AF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Arabidopsis thaliana 3-ketoacyl-CoA synthase 1(KCS1) Protein (Q9MAM3) (1-528aa), fused to N-terminal His tag, was expressed in E. coli.
Species	Arabidopsis thaliana
Source	E.coli
ProteinLength	Full Length (1-528)
Form	Lyophilized powder
AA Sequence	MERTNSIEMDRERLTAEMAFRDSSSAVIRIRRRLLPDLLTSVKLYVKLGLHNSCNVTT IL FFLIILPLTGTVLVQLTGLTFDTFSELWSNQAVQLDTATRLTCLVFLSFVLTLTYVANR SK PVYLVDFSCYKPEDERKISVDSFLTMTTEENGSTDDTVQFQQRISNRAGLGDET YLPRGI TSTPPKLNMSEARAEAEAVMFGALDSLFEKTGIKPAEVGILIVNCSLFNPTP SLSAMIVN HYKMREDIKSYNLGGMGCSAGLISIDLANNLLKANPNSYAVVVSTENITL NWYFGNDRSM LLCNCIFRMGGAAILLSNRRQDRKKSKEYSLVNVRTHKGSDDKNY NCVYQKEDERGTVG SLARELMVAGDALKTNITTLGPMVLPLSEQLMFLISLVKRK MFKLKVKPYIPDFKLAFE HFCIHAGGRAVLDEVQKNLDLKDWHMEPSRMTLHRFGN TSSSSLWYEMAYTEAKGRVKAG DRLWQIAFGSGFKCNSAVWKALRPVSTEEMTG NAWAGSIDQYPVKVVQ
Purity	Greater than 90% as determined by SDS-PAGE.

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Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C 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	KCS1
Synonyms	KCS1; EL1; At1g01120; T25K16.11; 3-ketoacyl-CoA synthase 1; KCS-1; Very long-chain fatty acid condensing enzyme 1; VLCFA condensing enzyme 1
UniProt ID	Q9MAM3

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