

Recombinant Full Length Arabidopsis Thaliana 3-Ketoacyl-CoA Synthase 16(Kcs16) Protein, His-Tagged

Cat. No. RFL23017AF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Arabidopsis thaliana 3-ketoacyl-CoA synthase 16(KCS16) Protein (Q9SYZ0) (36-493aa), fused to N-terminal His tag, was expressed in E. coli.
Species	Arabidopsis thaliana
Source	E.coli
ProteinLength	Full Length of Mature Protein (36-493)
Form	Lyophilized powder
AA Sequence	SRLSTQDLQNFYLYLQNNHTSLTMFFLYLALGSTLYLMTRPKPVYLVDFSCYLPPSH LKA STQRIMQHVRLVREAGAWKQESDYLMDFCEKILERSGLGQETYVPEGLQTLPL QQNLAVS RIETEEVIIGAVDNLFRNTGISPSDIGILVNSSTFNPTPSLSSILVNKFKLR DNIKSLN LGGMGCSAGVIAIDAAKSLLQVHRNTYALVVSTENITQNL YMGNKSMMLV TNCLFRIGGA AILLSNRSIDRKRAKYELVHTVRVHTGADDRSYECATQEEDEDGIVG VLSKSNLPMVAAR TLKINIATLGPLVLP ISEKFHFFVRVKKKFLNPKLKHYPDFKLAF EHFCIHAGGRALI DEMEKNLHLTPLDVEASRMTLHRFGNTSSSSIWYELAYTEAKGR MTKGDRIWQIALGSGF KCNSSVWVALRNVKPSTNNPWEQCLHKYPVEIDIDLKE
Purity	Greater than 90% as determined by SDS-PAGE.
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.

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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	KCS16
Synonyms	KCS16; EL2; At4g34250; F10M10.20; 3-ketoacyl-CoA synthase 16; KCS-16; Very long-chain fatty acid condensing enzyme 16; VLCFA condensing enzyme 16
UniProt ID	Q9SYZ0