

Recombinant Full Length Arabidopsis Thaliana 3-Ketoacyl-CoA Synthase 11(Kcs11) Protein, His-Tagged

Cat. No. RFL35511AF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Arabidopsis thaliana 3-ketoacyl-CoA synthase 11(KCS11) Protein (O48780) (1-509aa), fused to N-terminal His tag, was expressed in E. coli.
Species	Arabidopsis thaliana
Source	E.coli
ProteinLength	Full Length (1-509)
Form	Lyophilized powder
AA Sequence	MDVEQKKPLIESSDRNLPDFKKS VKLKYVKLG YHYLITHGMYLFLSPLVLVIAAQISTF S VTDLRSLWEHLQYNLISVVVCSMLLVFLMTIYFMTRPRPVYLVNFSCFKPDES RKC TKKI FMDRSKLTGSFTEENLEFQRKILQRSGLGESTYLPEAVLNVPPNPCMKEARKE AETVMFG AIDELLA KTNVNP KDIGILIVNCSLFNPTPSLSAMVVNHYKL RGNILSYNLG GMGCSAGL ISIDLAKHLLHSIPNTYAMVISMENITLNWYFGNDRSKLVSNCLFRMG G AAILLSNKRWD RRRSKYELVDTV RTHKGADDKCFGCITQEEDSASKIGVTLSKELMA VAGDALKTNITTLG PLVLPTSEQLLFFATLVGRKL FKM KIPYIPDFKLAFEHFCIHAG GRAVLDELEKNL KLT EWHMEPSRMTLYRFGNTSSSSLWYELAYSEAKGRIKKGDRI WQIAFGSGFKCNSSVWRAV RSVNPKKEKNP WMDEIHEFPVEVPKVSTI
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

KCS11

Synonyms

KCS11; At2g26640; F18A8.1; 3-ketoacyl-CoA synthase 11; KCS-11; Very long-chain fatty acid condensing enzyme 11; VLCFA condensing enzyme 11

UniProt ID

[O48780](#)

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