

Recombinant Full Length Arabidopsis Thaliana Probable 3-Ketoacyl-CoA Synthase 20(Kcs20) Protein, His-Tagged

Cat. No. RFL25098AF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Arabidopsis thaliana Probable 3-ketoacyl-CoA synthase 20(KCS20) Protein (Q9FH27) (1-464aa), fused to N-terminal His tag, was expressed in E. coli.
Species	Arabidopsis thaliana
Source	E.coli
ProteinLength	Full Length (1-464)
Form	Lyophilized powder
AA Sequence	MNQTIHRVSPISMSISELTTLSSGVSVFEIFAGLLVVHLIYQIRTRVKVYLLDFTCYR APDSNRVPMSTLIETIYLDKLDQESIDFQARILERSWLSNQTSIPRSLMEIPLKKSLS S VKIETMTTIFTSVEDLLRKNKLSPRSIDILITNCSLHSPSPSLSAMVINKFHMRSNIKS F NLSGMGCAAGILSVNLANDLLQAHRGSLALIVSTEALNTHWYIGKDRSMLLTNCLF RMGA AAVLMSSNDHDRDNAKYELLHVVRKNKAKDDRAYRCIYQDIDSDEKQGVSI KDVISVAG DMLKMNLTSLGPLVLPYLEQFQYVIQIHILCKKLKIYESNSSYTPNFKTAF EHFCIHTGGR AVIQAMEMNLKLTKV DIEPSKMTLHRFGNTSSSSIWYALSYLEAKRR MKKGDRVLQIAFG SGFKCNSAVWRCIRKVEPNTENKWLD FIDSYPVDVPDSTNIRP G
Purity	Greater than 90% as determined by SDS-PAGE.

 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

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	KCS21
Synonyms	KCS21; KCS20; At5g49070; K20J1.4; Probable 3-ketoacyl-CoA synthase 21; KCS-21; Very long-chain fatty acid condensing enzyme 21; VLCFA condensing enzyme 21
UniProt ID	Q9FH27

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