



Recombinant Arabidopsis thaliana 3-ketoacyl-CoA synthase 5 (KCS5)

Product Code	CSB-CF866378DOA
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	Q9C6L5
Product Type	Transmembrane Protein
Immunogen Species	Arabidopsis thaliana (Mouse-ear cress)
Sequence	MSDFSSSVKLYVVLGYQYLINFLTLLLIPVIATVAIELLRMGPEEILSVLNSLHF ELL HILCSSFLIIFVSTVYFMSKPRTVYLVYDYSYKPPVTCRVPFSSFMEHSRLIKD NPKSV EFQMRILERSGLGEETCLPPAIHYIPPTPTMESARNEAQMVIPTAMEDLFKNTG LKPDKI DILIVNCSLFSPTPSLSAMIINKYKLRSNIKSYNLSGMGCSASLISVDVARDLLQV HPNS NAIIISTEITPNYYKGNERAMLLPNCLFRMGGAILLSNRRSDRWRAKYKLCHL VRTHR GADDKSYNCVMEQEDKNGNVGINLSKDLMTIAGEALKANITTIGPLVLPASEQL LFLSSL IGRKIFNPKWKPYIPDFKQAFEHFHAGGRAVIDELQKNLQLSGEHVEASRMT LHRFGN TSSSSLWYELSYIEAQGRMKRNDRVWQIAFGSGFKNSAVWKCNRITIKPTD GAWSDCIE RYPVFIPEVVKL
Source	in vitro E.coli expression system
Target Names	KCS5
Protein Names	Recommended name: 3-ketoacyl-CoA synthase 5 Short name= KCS-5 EC= 2.3.1.- Alternative name(s): Very long-chain fatty acid condensing enzyme 5 Short name= VLCFA condensing enzyme 5
Expression Region	1-492
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag type will be determined during the manufacturing process.
Protein Length	full length protein
Shelf Life	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.