



Recombinant Arabidopsis thaliana 3-ketoacyl-CoA thiolase 5, peroxisomal (KAT5)

Product Code	CSB-EP684977DOA-B
Abbreviation	KAT5
Storage	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.
Uniprot No.	Q570C8
Product Type	Recombinant Protein
Immunogen Species	Arabidopsis thaliana (Mouse-ear cress)
Purity	≥85% (SDS-PAGE)
Sequence	VSE VSPMAAFGDD IVIVAAYRTA ICKARRGGFK DTLPDDLLAS VLKAVVERTS LDPSEVGDIV VGTVIAPGSQ RAMECRVAAY FAGFPDSVPV RTVNRQCSSG LQAVADVAAS IRAGYYDIGI GAGVESMSTD HIPGGGFHGS NPRAQDFPKA RDCLLPMGIT SENVAERFGV TREEQDMAAV ESHKRAAAAI ASGKCLKDEII PVATKIVDPE TKAEKAIIVS VDDGVRPNSN MADLAKLKTV FKQNGSTTAG NASQISDGAG AVLLMKRSLA MKKGLPILGV FRSFAVTGVE PSVMGIGPAV AIPAATKLAG LNVSDIDLFE INEAFASQYV YSCKKLELDM EKVNVNGGAI AIGHPLGATG ARCVATLLHE MKRRGKDCRF GVISMCI GTG MGAAAVFERG DSVDNLSNAR VANGDSH
Source	E.coli
Target Names	KAT5
Protein Names	Recommended name: 3-ketoacyl-CoA thiolase 5, peroxisomal EC= 2.3.1.16 Alternative name(s): Acetyl-CoA acyltransferase 5 Beta-ketothiolase 5 Peroxisomal 3-oxoacyl-CoA thiolase 5
Expression Region	38-457
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 of Mature Protein
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.
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.