



Recombinant *Saccharomyces cerevisiae* Malonyl CoA-acyl carrier protein transacylase, mitochondrial (MCT1)

Product Code	CSB-YP622458SVG
Abbreviation	MCT1
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.	Q12283
Product Type	Recombinant Protein
Immunogen Species	<i>Saccharomyces cerevisiae</i> (strain ATCC 204508 / S288c) (Baker's yeast)
Purity	>85% (SDS-PAGE)
Sequence	KSREFQ TILSQNGKES NDLLQYIFQN PSSPGSIAVC SNLFYQLYQI LSNPSPDQDQ APKNMTKIDS PDKKDNEQCY LLGHSLGELT CLSVNSLFLSL KDLFDIANFR NKLMVTSTEK YLVAHNINRS NKFEMWALSS PRATDLPQEV QKLLNSPNLL SSSQNTISVA NANSVKQCVV TGLVDDLESL RTELNLRFP LRITELTNPY NIPFHNSTVL RPVQEPLYDY IWDILKKNGT HTLMELNHPI IANLDGNISY YIHHALDRFV KCSSRTVQFT MCYDTINSGT PVEIDKSICF GPGNVIYNLI RRNCPQVDTI EYTSLATIDA YHKAEEENKD
Source	Yeast
Target Names	MCT1
Protein Names	Recommended name: Malonyl CoA-acyl carrier protein transacylase, mitochondrial Short name= MCT EC= 2.3.1.39 Alternative name(s): Malonyl-CoA:ACP transferase
Expression Region	25-360
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.