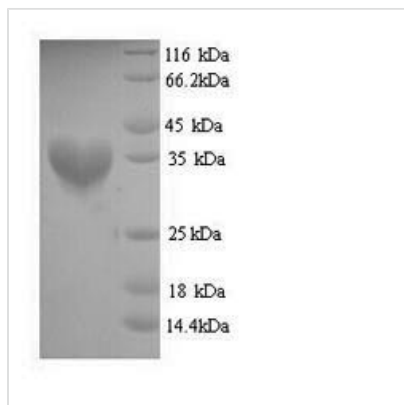


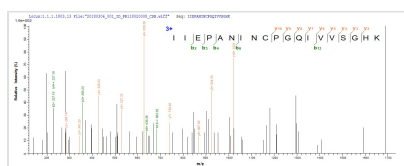


Recombinant Staphylococcus aureus Malonyl CoA-acyl carrier protein transacylase (fabD)

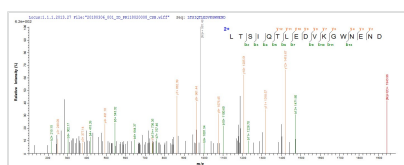
Product Code	CSB-YP686101FLB
Abbreviation	Recombinant Staphylococcus aureus fabD protein
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
Uniprot No.	Q5HGK3
Product Type	Recombinant Protein
Immunogen Species	Staphylococcus aureus (strain COL)
Purity	≥ 90% as determined by SDS-PAGE.
Sequence	MSKTAIIFPGQGAQKVGMAQDLFNNNDQATEILTSAANTLDFDILETMFTDEEG KLGETENTQPALLTHSSALLAALKNLNPDFTMGHSLGEYSSLVAADVLSFEDA VKIVRKRGLMAQAFPTGVGSMAAVLGLDFDKVDEICKSLSSDDKIEPANINC PGQIVVSGHKALIDELVEK GKSLGAKRVMPLAVSGPFHSSLMKVIEEDFSSYIN QFEWRDAKFPVVQNVNAQGETDKEVIKSNMVKQLYSPVQFINSTEWLIDQGV DHFIEIGPGKVL SGLIKKINRDVKLTSIQTLEDVKGWNEND
Research Area	Others
Source	Yeast
Target Names	fabD
Protein Names	Recommended name: Malonyl CoA-acyl carrier protein transacylase Short name= MCT EC= 2.3.1.39
Expression Region	1-308aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	N-terminal 6xHis-tagged
Mol. Weight	35.6kDa
Protein Length	Full Length
Image	



(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.



Based on the SEQUEST from database of Yeast host and target protein, the LC-MS/MS Analysis result of CSB-YP686101FLB could indicate that this peptide derived from Yeast-expressed *Staphylococcus aureus* (strain COL) fabD.



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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.