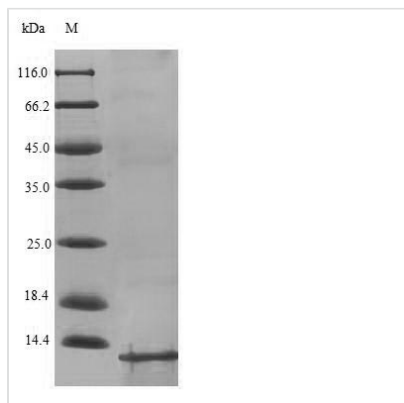




Recombinant Staphylococcus aureus Acyl carrier protein (acpP)

Product Code	CSB-YP015636SKX
Relevance	Carrier of the growing fatty acid chain in fatty acid biosynthesis. Is able to confer high methicillin resistance to S.aureus when overproduced .
Abbreviation	Recombinant Staphylococcus aureus acpP 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.	P0A001
Product Type	Recombinant Protein
Immunogen Species	Staphylococcus aureus (strain Mu50 / ATCC 700699)
Purity	≥ 90% as determined by SDS-PAGE.
Sequence	MENFDKVKDIIVDRLGVDADKVTEDASFKDDLGLADSLDIAELVMELEDEFGEI PDEEAEKINTVGDVAVKFINLSLEK
Research Area	Others
Source	Yeast
Target Names	acpP
Protein Names	Recommended name: Acyl carrier protein Short name= ACP
Expression Region	1-77aa
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	10.5kDa
Protein Length	Full Length

Image



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



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.