



Recombinant Staphylococcus aureus Beta-ketoacyl-[acyl-carrier-protein] synthase III (fabH)

Product Code	CSB-EP689073FLB-B
Abbreviation	fabH
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.	Q5HHA2
Storage Buffer	Lyophilized from Tris/PBS-based buffer, 6% Trehalose, pH 8.0
Product Type	Recombinant Proteins
Immunogen Species	Staphylococcus aureus (strain COL)
Purity	>85% (SDS-PAGE)
Sequence	MNVIKGFGA YAPEKIIDNA YFEQFLDTS E WISKMTGIK ERHWADDDQD TSDLAYEASL KAIADAGIQP EDIDMIIVAT ATGDMPPFTV ANMLQERLGT GKVASMDQLA ACSGFMYSMI TAKQYVQSGD YHNILVVGAD KLSKITDLTD RSTAVLFGDG AGAVIIGEVS DGRGIISYEM GSDGTGGKHL YLDKDTGKLK MNGREVKFA VRIMGDASTR VVEKANLTSD DIDLFIPHQA NIRIMESARE RLGISKDKMS VSVNKYGNTS AASIPLSIDQ ELKNGKIKDD DTIVLVGFGG GLTWGAMTIK WGK
Source	E.coli
Target Names	fabH
Protein Names	Recommended name: 3-oxoacyl-[acyl-carrier-protein] synthase 3 EC= 2.3.1.180 Alternative name(s): 3-oxoacyl-[acyl-carrier-protein] synthase III Beta-ketoacyl-ACP synthase III Short name= KAS III
Expression Region	1-313
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
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.