



Recombinant *Synechococcus elongatus* 3-oxoacyl-[acyl-carrier-protein] synthase 3 (fabH)

Product Code	CSB-EP654635FPY
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.	Q31N84
Product Type	Recombinant Protein
Immunogen Species	<i>Synechococcus elongatus</i> (strain PCC 7942) (<i>Anacystis nidulans</i> R2)
Purity	>85% (SDS-PAGE)
Sequence	MTRPGVGVAI TGSGSAVPST TLSNDQLSQL VETSDEWIRS RTGIGQRRVA QPQIESLSSL AAAAGQSALE AAGLEATSVD LILLATSTPD DLFGSACQVQ AALGATQAVA FDLTAACSGF LFALVTGAQF IRSGAYRTVL VIGADVLSRW TDWSDRRTC V LFGDGAGAVV LQASEIDQLL GFEMRSDGSL NGCLTLAYQA DNQSLSDIE IAQGTYQPVA MNGQEVYRFA VKRVPEILEK TLFHAGIDRQ EVDWLLLHQA NQRILDAVAD RLDISRDRVL SNLVNYGNTS SATIPLVLDE AVKAGKIQSG DLIAASGFGA GLSWGAAALFR WGTVV
Source	<i>E.coli</i>
Target Names	fabH
Protein Names	Recommended name: 3-oxoacyl-[acyl-carrier-protein] synthase 3 EC= 2.3.1.41 Alternative name(s): 3-oxoacyl-[acyl-carrier-protein] synthase III Beta-ketoacyl-ACP synthase III Short name= KAS III
Expression Region	1-335
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.