



Recombinant *Gossypium hirsutum* Myristoyl-acyl carrier protein thioesterase, chloroplastic (FATB1)

Product Code	CSB-EP886743GHB
Abbreviation	FATB1
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.	Q9SQI3
Product Type	Recombinant Protein
Immunogen Species	<i>Gossypium hirsutum</i> (Upland cotton) (<i>Gossypium mexicanum</i>)
Purity	>85% (SDS-PAGE)
Sequence	AST TPVEGSKNDD GASSPPRPTF INQLPDWSML LAAITTIFLA AEKQWMMLDW KPRRPDMVID PFGIGKIVQD GLVFSQNFSI RSYEIGADQT ASIELTMNHL QETAINHCRS AGLLGEGFGA TPEMCKKNLI WVVTRMQVVV DRYPTWGDVV QVDTWVSASG KNGMRRDWLV SNETGEILT RATSVWMMN KLTRRLSKIP EEVRGEIEPF FMNSDPVLAE DSQKLVKLDD STAEHVCKGL TPKWSDLVDN QHVNNVKYIG WILESAPLPI LESHELSALT LEYRRECGRD SVLQSLTTVS DSNTENAVNV GEFNCQHLLR LDDGAEIVRG RTRWRPKHAK SSANMDQITA KRA
Source	E.coli
Target Names	FATB1
Protein Names	Recommended name: Myristoyl-acyl carrier protein thioesterase, chloroplastic EC= 3.1.2.- Alternative name(s): 16:0-acyl-carrier protein thioesterase Short name= 16:0-ACP thioesterase Acyl-[acyl-carrier-protein] hydrolase PATE
Expression Region	58-413
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	Cytoplasmic domain
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.