



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

<b>Product Code</b>	CSB-YP886743GHB
<b>Abbreviation</b>	FATB1
<b>Storage</b>	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.
<b>Uniprot No.</b>	Q9SQI3
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	<i>Gossypium hirsutum</i> (Upland cotton) ( <i>Gossypium mexicanum</i> )
<b>Purity</b>	>85% (SDS-PAGE)
<b>Sequence</b>	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
<b>Source</b>	Yeast
<b>Target Names</b>	FATB1
<b>Protein Names</b>	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
<b>Expression Region</b>	58-413
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	Tag type will be determined during the manufacturing process.
<b>Protein Length</b>	Cytoplasmic domain
<b>Reconstitution</b>	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.
<b>Shelf Life</b>	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.