



Recombinant *Gossypium hirsutum* Legumin A (LEGA)

Product Code	CSB-EP357772GHB-B
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.	P09802
Product Type	Recombinant Protein
Immunogen Species	<i>Gossypium hirsutum</i> (Upland cotton) (<i>Gossypium mexicanum</i>)
Purity	≥85% (SDS-PAGE)
Sequence	RQTFSSQQS QNECQINRLR ASAPQTRIRS EAGTTEWWNP NCQQLRCAGV SVMRQTIEPN GLVLPSTNA PQLLYIVQGR GIQGIVMPGC AETFQDSQQW QHQRGRFQD QHQKVRFRQ GDIALPQGV VHWSYNDGNE RVVTINLLDT GNSANQLDNI PRRFHLAGNP EEEQRQLRRL AQQMQGRSER GEESEEEEGE GEEEEEDNP SRRSRHQEEE EQGRESSSCN NLLCAFDRNF LAQAFNVDHD IIRKIQRVRG NRGTIIRVRD RLQVVTPPRM EEEEREERQQ EQRYRHTRGG SQDNGLEETF CSMRIKENLA DPERADIFNP QAGRISTLNR FNLPIQRLE LSAERGVLYN RAGLIPQWNV NAKILYMLR GCARVQVNH NGDAVFDDNV EQGQLLTPVQ NFAFMKQAGN EGAEWISFFT NSEATNTPMA GSVSFMRALP EEVVAASYQV SREDARRIKF NKNNTFFFTP SQSERRADA
Source	E.coli
Target Names	LEGA
Protein Names	Recommended name: Legumin A Alternative name(s): Beta-globulin LEGA-C94 Cleaved into the following 2 chains: 1. Legumin A acidic chain 2. Legumin A basic chain
Expression Region	22-509
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 of Mature 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.