



Recombinant *Gossypium barbadense* Ribulose biphosphate carboxylase large chain (rbcL)

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| Product Code | CSB-BP371453GEP |
| 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. | A0ZZ43 |
| Product Type | Recombinant Protein |
| Immunogen Species | <i>Gossypium barbadense</i> (Sea-island cotton) (Egyptian cotton) |
| Purity | ≥85% (SDS-PAGE) |
| Sequence | PQTETKAS VGFKAGVKEY KLTYTPEYE VKDTDILAAF RVTPQPGVPP EEAGAAVAE SSTGTWTTW TDGLTSLDRY KGRCYDIEPV PGEEDQYICY VAYPLDLFEE GSVTNMFTSI VGNVFGFKAL RALRLEDLRV PTAYIKTFQG PPHGIQVERD KLNKYGRPLL GCTIKPKLGL SAKNYGRAVY ECLRGGLDFT KDDENVNSQP FMRWRDRFLF CAEAIKFSQA ETGEIKGHYL NATAGTCEEM IKRAMCAREL GVPIVMHDYL TGGFTANTSL AHYCRDNGLL LHIHRAMHAV IDRQKNHGMH FRVLAKALRM SGGDHIHAGT VVGKLEGERD ITLGFVDLLR DDVIEKDRSR GIYFTQDWVS MPGVLPVASG GIHVWHMPAL TEIFGDDSVL QFGGGTLGHP WGNAPGAVAN RVALEACVQA RNEGRDLARE GNEIIREASK WSPELAAACE VWKAIKFEFD AVDKLDPAS |
| Source | Baculovirus |
| Target Names | rbcL |
| Protein Names | Recommended name: Ribulose biphosphate carboxylase large chain Short name= RuBisCO large subunit EC= 4.1.1.39 |
| Expression Region | 3-480 |
| 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. |