



Recombinant Zea mays Ribulose biphosphate carboxylase large chain (rbcL)

Product Code	CSB-EP360587ZAX
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.	P00874
Product Type	Recombinant Protein
Immunogen Species	Zea mays (Maize)
Purity	>85% (SDS-PAGE)
Sequence	PQTETKAS VGFKAGVKDY KLTYTPEYE TKDTDILAAF RVTPQLGVPP EEAGAAVAE SSTGTWTTVW TDGLTSLDRY KGRCYHIEPV PGDPDQYICY VAYPLDLFEE GSVTNMFTSI VGNVFGFKAL RALRLEDLRI PPAYSKTFQG PPHGIQVERD KLNKYGRPLL GCTIKPKLGL SAKNYGRACY ECLRGGLDFT KDDENVNSQP FMRWRDRFVF CAEAIYKAQA ETGEIKGHYL NATAGTCEEM IKRAVFAREL GVPIVMHDYL TGGFTANTTL SHYCRDNGLL LHIHRAMHAV IDRQKNHGMH FRVLAKALRM SGGDHIHSGT VVGKLEGERE ITLGFVDLLR DDFIEKDRSR GIFFTQDWVS MPGVIPVASG GIHVWHMPAL TEIFGDDSVL QFGGGTLGHP WGNAPGAAAN RVALEACVQA RNEGRDLARE GNEIIKAACK WSAELAAACE IWKEIKFDGF KAMDTI
Source	E.coli
Target Names	rbcL
Protein Names	Recommended name: Ribulose biphosphate carboxylase large chain Short name= RuBisCO large subunit EC= 4.1.1.39
Expression Region	3-476
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.