



Recombinant *Oryza sativa* subsp. japonica Ribulose biphosphate carboxylase large chain (rbcL)

Product Code	CSB-EP314344OFG-B
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	P0C512
Product Type	Recombinant Protein
Immunogen Species	<i>Oryza sativa</i> subsp. japonica (Rice)
Purity	>85% (SDS-PAGE)
Sequence	PQTETKAS VGFKAGVKDY KLTYTPEYE TKDTDILAAF RVTPQPGVPP EEAGAAVAE SSTGTWTTVW TDGLTSLDRY KGRCYHIEPV VGEDNQYIAY VAYPLDLFEE GSVTNMFTSI VGNVFGFKAL RALRLEDLRI PPTYSKTFQG PPHGIQVERD KLNKYGRPLL GCTIKPKLGL SAKNYGRACY ECLRGGLDFT KDDENVNSQP FMRWRDRFVF CAEAIYKSQA ETGEIKGHYL NATAGTCEEM IKRAVFAREL GVPIVMHDYL TGGFTANTSL AHYCRDNGLL LHIHRAMHAV IDRQKNHGMH FRVLAKALRM SGGDHIHAGT VVGKLEGERE MTLGFVDLLR DDFIEKDRAR GIFFTQDWVS MPGVIPVASG GIHVWHMPAL TEIFGDDSVL QFGGGTLGHP WGNAPGAAAN RVALEACVQA RNEGRDLARE GNEIIRSACK WSPELAAACE IWKAIFEFE PVDKLDS
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	3-477
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.