



Recombinant Arabidopsis thaliana Ribulose biphosphate carboxylase small chain 1B, chloroplastic (RBCS-1B)

Product Code	CSB-EP318786DOA
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.	P10796
Product Type	Recombinant Protein
Immunogen Species	Arabidopsis thaliana (Mouse-ear cress)
Purity	>85% (SDS-PAGE)
Sequence	MKVWP PIGKKKFETL SYLPDLTDVE LAKEVDYLLR NKWIPCVEFE LEHGFVYREH GNTPGYYDGR YWTMWKLPLF GCTDSAQVLK EVEECKKEYP GAFIRIIGFD NTRQVQCISF IAYKPPSFTD A
Source	E.coli
Target Names	RBCS-1B
Protein Names	Recommended name: Ribulose biphosphate carboxylase small chain 1B, chloroplastic Short name= RuBisCO small subunit 1B EC= 4.1.1.39
Expression Region	56-181
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.