



Recombinant Arabidopsis thaliana Ribulose bisphosphate carboxylase/oxygenase activase, chloroplastic (RCA)

Product Code	CSB-EP320802DOA
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.	P10896
Product Type	Recombinant Protein
Immunogen Species	Arabidopsis thaliana (Mouse-ear cress)
Purity	>85% (SDS-PAGE)
Sequence	AV KEDKQTDGDR WRGLAYDTS DQQDITRGKG MVDSVFQAPM GTGTHHAVLS SYEYVSQGLR QYNLDNMMDG FYIAPAFMDK LVVHITKNFL TLPNIKVPLI LGIWGGKGQG KSFQCELVMA KMGINPIMMS AGELESGNAG EPAKLIRQRY REAADLIKKG KMCCLFINDL DAGAGRMGGT TQYTVNNQMV NATLMNIADN PTNVQLPGMY NKEENARVPI ICTGNDFSTL YAPLIRDGRM EKFYWAPTRE DRIGVCKGIF RTDKIKDEDI VTLVDQFPGQ SIDFFGALRA RVYDDEVKRF VESLGVKIG KRLVNSREGP PVFEQPEMTY EKLMEYGNML VMEQENVKRV QLAETYLSQA ALGDANADAI GRGTFYKGKA QQVNLVPEP CTDPVAENFD PTARSDDGTC VYNF
Source	E.coli
Target Names	RCA
Protein Names	Recommended name: Ribulose bisphosphate carboxylase/oxygenase activase, chloroplastic Short name= RA Short name= RuBisCO activase
Expression Region	59-474
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



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