



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

<b>Product Code</b>	CSB-EP320802DOA-B
<b>Storage</b>	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.
<b>Uniprot No.</b>	P10896
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Arabidopsis thaliana (Mouse-ear cress)
<b>Purity</b>	>85% (SDS-PAGE)
<b>Sequence</b>	AV KEDKQTDGDR WRGLAYDTS DQQDITRGKG MVDSVFQAPM GTGTHHAVLS SYEYVSQGLR QYNLDNMMDG FYIAPAFMDK LVVHITKNFL TLPNIKVPLI LGIWGGKGGQ 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 GRGTFYGGKA QQVNLVPEP CTDPVAENFD PTARSDDGTC VYNF
<b>Source</b>	E.coli
<b>Target Names</b>	RCA
<b>Protein Names</b>	Recommended name: Ribulose biphosphate carboxylase/oxygenase activase, chloroplastic Short name= RA Short name= RuBisCO activase
<b>Expression Region</b>	59-474
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	Tag type will be determined during the manufacturing process.
<b>Protein Length</b>	Full Length of Mature Protein
<b>Reconstitution</b>	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.
<b>Shelf Life</b>	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.