



Recombinant *Spinacia oleracea* Ribulose biphosphate carboxylase/oxygenase activase, chloroplastic

Product Code	CSB-YP319234FKI
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.	P10871
Product Type	Recombinant Protein
Immunogen Species	<i>Spinacia oleracea</i> (Spinach)
Purity	>85% (SDS-PAGE)
Sequence	AE NEEKNTDKWA HLAKDFSDDQ LDIRRGKGMV DSLFQAPADA GTHVPIQSSF EYESQGLRKY DIDNMLGDFY IAPAFMDKLV VHITKNFLNL PNIKIPLILG VWGGKGQGKS FQCELVFAKL GINPIMMSAG ELESNGAGEP AKLIRQRYRE AADLIAKGKM CALFINDLEP GAGRMGGTTQ YTVNNQMVNA TLMNIADNPT NVQLPGMYNK QDNARVPIIV TGNDFSTLYA PLIRDGRMEK FYWAPTREDR IGVCTGIFKT DKVPAEHVVK LVDAFPGQSI DFFGALRARV YHDEVKRWVN SVGVDNVGKK LVNSKDGPPV FEQPEMTLQK LMEYGNMLVQ EQENVKRVQL ADQYMSSAAL GDANKDAIDR GTFFGKAAQQ VSLPVAQGCT DPEAKNYDPT ARSDDGSCTY NL
Source	Yeast
Protein Names	Recommended name: Ribulose biphosphate carboxylase/oxygenase activase, chloroplastic Short name= RA Short name= RuBisCO activase
Expression Region	59-472
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.