



Recombinant *Gossypium hirsutum* Ribulose biphosphate carboxylase small chain, chloroplastic (RBCS)

Product Code	CSB-EP330072GHB
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.	P31333
Product Type	Recombinant Protein
Immunogen Species	<i>Gossypium hirsutum</i> (Upland cotton) (<i>Gossypium mexicanum</i>)
Purity	>85% (SDS-PAGE)
Sequence	M QVWPPLGKKK FETLSYLPDL TPVQLAKEVD YLLRSKWIPC LEFELEEGFV HRKYSSLPTY YDGRYWMTWK LPMFGCTDSA QVLEELENCK KEYPNAFIRI IGFDNVRQVQ CISFIAYKPK GY
Source	E.coli
Target Names	RBCS
Protein Names	Recommended name: Ribulose biphosphate carboxylase small chain, chloroplastic Short name= RuBisCO small subunit EC= 4.1.1.39
Expression Region	60-182
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.