



Recombinant Ribulose biphosphate carboxylase large chain (cbbL)

Product Code	CSB-EP731474SFAR
Abbreviation	cbbL
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.	Q673V5
Product Type	Recombinant Protein
Immunogen Species	Solemya velum gill symbiont
Purity	≥85% (SDS-PAGE)
Sequence	MAKTYDAGVK EYRETYWMPE YTPLDTDILA CFKVTPQPGV PREEVAAAVA AESSTGTWTT VWTDLLTDL HYKGRAYAIE DVPGD DTCFY AFIAYPIDLF EEG SVNVMT SLVGNVFGFK ALRALREDI RFPIAYVMTC NGPPQGIQVE RDLLNKYGRP LLGCTIKPKL GLSAKNYGRA CYEGLRGGLD FTKDDENVNS QPFMRWRHRF DFM EAIQKA EAETGERKGH YLNV TAPTSD EMMKRAEYAK EIGAPIIMHD YITGGWSANT QLAQWCQDNG MLLHIHRAMH AVLDRNPHHG IHFRVLTKIL RLSGGDHLHS GTVVGKLEGD REATLGWIDI MRDSFNKEDR SRGIFFDQDW GSMPGVLPVA SGGIHVWHMP ALVNIFGDDS VLQFGGGTLG HPWGNAAGAA ANRVAVEACV EARNNGRELE KEGKEILTTA AAHSPELCAA METWKEIKFE FDTV DKL DVS HK
Source	E.coli
Target Names	cbbL
Protein Names	Recommended name: Ribulose biphosphate carboxylase large chain Short name= RuBisCO large subunit EC= 4.1.1.39
Expression Region	1-472
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 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.