



Recombinant *Chromatium vinosum* Ribulose biphosphate carboxylase large chain 1 (cbbL1)

Product Code	CSB-YP338471DTD
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.	P22849
Product Type	Recombinant Protein
Immunogen Species	<i>Allochromatium vinosum</i> (<i>Chromatium vinosum</i>)
Purity	>85% (SDS-PAGE)
Sequence	AKTYSAGVK EYRETYWMPN YTPKDTDILA CFKITPQAGV PREEAAAAVA AESSTGTWTT VWTDLLTDLD YYKGRAYAIE DVPGDDTCFY AFIAYPIDLF EEGSVVNVFT SLVGNVFGFK AVRALRLEDV RFPIAYVMTC NGPPHAIQVE RDIMNKYGRP MLGCTIKPKL GLSAKNYGRA VYECLRGGLD FTKDDENVNS QPFMRWRQRF DFVMDAIDKA ERETGERKGH YLNV TAPTPE EMYKRAEYAK EIGAPIIMHD YITGGFCANT GLAQWCRDNG VLLHIHRAMH AVLDRNPHHG IHFRVLTKIL RLSGGDHLHT GTVVGKLEGD RASTLGWIDL LRESYIKEDR SRGLFFDQDW GSMPGAFAVA SGGIHVWHMP ALVTIFGDDS VLQFGGGTGLG HPWGNAAGAC ANRVALEACV EARNQGVAIE KEGKDVLTKA AASSPELKIA METWKEIKFE FDTVDKLDIA HK
Source	Yeast
Target Names	cbbL1
Protein Names	Recommended name: Ribulose biphosphate carboxylase large chain 1 Short name= RuBisCO large subunit 1 EC= 4.1.1.39
Expression Region	2-472
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.