



Recombinant *Rhodopseudomonas palustris* Ribulose biphosphate carboxylase (cbbM)

Product Code	CSB-BP757401RLU
Abbreviation	cbbM
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.	Q6N0W9
Product Type	Recombinant Protein
Immunogen Species	<i>Rhodopseudomonas palustris</i> (strain ATCC BAA-98 / CGA009)
Purity	>85% (SDS-PAGE)
Sequence	MDQSNRYANL NLKESELIAG GRHVLCAIYM KPKAGFGNFI QTAAHFAAES STGTNVEVST TDDFTRGVDA LVYEVDANS LMKIAYPIEL FDRNVIDGRA MIASFLTLTI GNNQGMGDVE YAKMYDFYVP PAYLKLFDGP STTIKDLWRV LGRPVINGGF IVGTIIKPKL GLRPQPFANA CYDFWLGGDF IKNDPQGNQ VFAPFKDTRV AVADAMRRAQ DKTGEAKLFS FNITADDHYE MLARGEFILE TFADNADHIA FLVDGYVAGP AAVTTARRAF PKQYLHYHRA GHGAVTSPQS KRGYTAFVLS KMARLQGASG IHTGTMGFGK MEGEADRAI AYMITEDAAD GPYFHQEWLG MNPTTPIISG GMNALRMPGF FDNLGHSNLI MTAGGGAFGH VDGGAAGAKS LRQAEQCWKQ GADPVEFAKD HREFARAFES FPQDADKLYP NWRACLKPQA A
Source	Baculovirus
Target Names	cbbM
Protein Names	Recommended name: Ribulose biphosphate carboxylase Short name= RuBisCO EC= 4.1.1.39
Expression Region	1-461
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.