



# Recombinant *Rhodopseudomonas palustris* Ribulose biphosphate carboxylase (cbbM)

<b>Product Code</b>	CSB-MP757401RLU
<b>Abbreviation</b>	cbbM
<b>Storage</b>	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.
<b>Uniprot No.</b>	Q6N0W9
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	<i>Rhodopseudomonas palustris</i> (strain ATCC BAA-98 / CGA009)
<b>Purity</b>	>85% (SDS-PAGE)
<b>Sequence</b>	MDQSNRYANL NLKESELIAG GRHVLCAIYM KPKAGFGNFI QTAAHFAAES STGTNVEVST TDDFTRGVDA LVYEVDEANS 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 MEGEAADRAI AYMITEDAAD GPYFHQEWLG MNPTTPIISG GMNALRMPGF FDNLGHSNLI MTAGGGAFGH VDGGAAGAKS LRQAEQCWKQ GADPVEFAKD HREFARAFES FPQDADKLYP NWRAKLKPQA A
<b>Source</b>	Mammalian cell
<b>Target Names</b>	cbbM
<b>Protein Names</b>	Recommended name: Ribulose biphosphate carboxylase Short name= RuBisCO EC= 4.1.1.39
<b>Expression Region</b>	1-461
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	Tag type will be determined during the manufacturing process.
<b>Protein Length</b>	full length protein
<b>Reconstitution</b>	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.
<b>Shelf Life</b>	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.