



Recombinant *Methylococcus capsulatus* Ribulose biphosphate carboxylase large chain (cbbL)

Product Code	CSB-EP730622MFM
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.	Q603Q7
Product Type	Recombinant Protein
Immunogen Species	<i>Methylococcus capsulatus</i> (strain ATCC 33009 / NCIMB 11132 / Bath)
Purity	≥85% (SDS-PAGE)
Sequence	MAVKTYNAGV KEYRETYWDP NYTPADTDLL AVFKITPQPG VPREEAAA AAESSTGTWT TVWTDLLTDL DYYKGRAYRI EDVPGQDEQF YAFIAYPIDL FEEGSVVNVF TSLVGNVFGF KAVRGLRLED VRFPLAYVMT CGGPPHGIQV ERDIMNKYGR PLLGCTIKPK LGLSAKNYGR AVYECLRGGL DFTKDDENVN SQPFMRWRQR FDFVMEAIEK AEAETGERKG HYLNV TAPTP EEMYKRAEYA KEIGAPIIMH DFITGGFCAN TGLANWCRNN GMLLHIHRAM HAVMDRNP NH GIHFRVFTKM LRLSGGDHLH TGTVVGKLEG DRQATLGWID LLRERSIKED RSRGIFFDQE WGAMPGVFAV ASGGIHVWHM PALLSIFGDD AVFQFGGGTL GHPWGNAAGA AANRVALEAC VEARNRQL EKEGKEILTE AAKSSPELKA AMETWKEIKF EFDTV DKL DV AHR
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	1-473
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.