



Recombinant Thiobacillus denitrificans Ribulose biphosphate carboxylase (cbbM)

Product Code	CSB-YP723259TAAE
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.	Q60028
Product Type	Recombinant Protein
Immunogen Species	Thiobacillus denitrificans (strain ATCC 25259)
Purity	≥85% (SDS-PAGE)
Sequence	MDQSARYADL SLKEEDLIKG GRHILVAYKM KPKSGYGYLE AAAHFAAESS TGTNVEVSTT DDFTKGVDAL VYYIDEASED MRIAYPLELF DRNVTDGFRM LVSFLTLAG NNQGMGDIEH AKMIDFYVPE RCIQMFDGPA TDISNLWRIL GRPVVNGGYI AGTIKPKLG LRPEPFAKAA YQFWLGGDFI KNDEPQGNQV FCPLKKVLPL VYDAMKRAQD DTGQAKLFSM NITADDHYEM CARADYALEV FGPDADKLAF LVDGYVGPG MVTTARRQYP GQYLHYHRAG HGAVTSPSAK RGYTAFVLAK MSRLQGASGI HVGTMGYGKM EGE GDDKIIA YMIERDECQG PVYFQKWYGM KPTTPIISGG MNALRLPGFF ENLGHGNVIN TAGGGSYGIH DSPAAGAI SL RQSYECWKQG ADPIEFAKEH KEFARAFESF PKDADKLFPG WREKLG VHK
Source	Yeast
Target Names	cbbM
Protein Names	Recommended name: Ribulose biphosphate carboxylase Short name= RuBisCO EC= 4.1.1.39
Expression Region	1-459
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.