



Recombinant *Thiomonas intermedia* Ribulose biphosphate carboxylase (cbbM)

Product Code	CSB-EP530752TOD-B
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.	O84917
Product Type	Recombinant Protein
Immunogen Species	<i>Thiomonas intermedia</i> (strain K12) (<i>Thiobacillus intermedius</i>)
Purity	>85% (SDS-PAGE)
Sequence	MAHDQSSRYA NLDLKESDLI AGGKHILVAY KMKPKAGYDY LATAAHFAAE SSTGTNVEVS TTDDFTKGVD ALVYFIDEAT EDMRIAYPIE LFDRNVIDGR FMIVSFLTLV IGNNQGMGDV EYGKMIDFYV PERAIQMFDG PATDISNLWR ILGRPIKDGG YIAGTIKPK LGLRPEPFAQ AAYQFWLGGD FIKNDEPQGN QVFAPVKKVI PLVYDAMKRA QDETGEAKLF SMNITADDYH EMCARADFAL EVFGPDADKL AFLVDGYVGG PGMVTTARRQ YPNQYLHYHR AGHGAITSPS SKRGYTAFVL AKMSRLQGAS GIHVGTMGYG KMEGEGDDRN IAYMIERDEC QGPVYFQKWY GMKPTTPIIS GGMNALRLPG FFENLGHGNV INTAGGGSYG HIDSPAAGAK SLRQAYECWK AGADPIEYAK EHKEFARAFE SFPGDADKLF PGWRDKLGVH K
Source	E.coli
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.