



Recombinant *Methylococcus capsulatus* Cysteine desulfurase (iscS)

Product Code	CSB-YP717165MFM
Abbreviation	iscS
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.	Q60C64
Product Type	Recombinant Protein
Immunogen Species	<i>Methylococcus capsulatus</i> (strain ATCC 33009 / NCIMB 11132 / Bath)
Purity	≥85% (SDS-PAGE)
Sequence	MKLPVYLDYS ATTPVDPRVA EKMIPFLTEN FGNPASRSHT FGWTAEQAVE NAREEVAKLV NADPREIVWT SGATESDNLA IKGAAEFYQT KGRHLITVKT EHKAVLDTMR ELESSGFEVT YLEPMANGLL DLDAFRAAIR PDTVLASVMQ VNNEIGVIQD IAAIGGICRE HGVIFHVDA A QATGKVEIDL EQLPVDLMSF SAHKTYGPKG IGALYVRRKP RIRLKAQMHG GGHERGLRSG TLATHQIVGM GEAFRIAREE MAAENERIRR LRDRLLAGLA DMEEVFINGD LEQRVPHNLN ISFNIVEGES LMMAIKDLAV SSGSACTSAS LEPSYVLRAL GRSELAHSS IRFTLGRYTT AEDVDFAISL IKDKVARLRE ISPLWEMYKD GIDLNTVQWA AAH
Source	Yeast
Target Names	iscS
Protein Names	Recommended name: Cysteine desulfurase EC= 2.8.1.7
Expression Region	1-403
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.