



Recombinant *Methylococcus capsulatus* Cysteine-tRNA ligase (cysS)

Product Code	CSB-BP720208MFM
Abbreviation	cysS
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.	Q60BG8
Product Type	Recombinant Protein
Immunogen Species	<i>Methylococcus capsulatus</i> (strain ATCC 33009 / NCIMB 11132 / Bath)
Purity	≥85% (SDS-PAGE)
Sequence	MLKIYNSLTR QKEEFRPLEP RRV RMYVCGM TVYDYCHLGH ARVMVFDMMV ARYLRHLGLK VTYVRNVTDI DDKIIRRAVE NGETIGALTA RFIEAMHEDE RALGVLPPDH EPRATESIDD ILAMIGTLIE RGHAYVGSNG DVFYAVASFP NYGRLSGKNL DELRAGERIE VDEAKRDPLD FVLWWSAKPG EPFWASPWGP GRPGWHIECS AMSTRCLGAH FDIHGGGMDL QFPHHENEIA QSEGATGEHF VNYWMHNGFV RINEEKMSKS LGNFFTVEI LARYRPEVVR FFILNSHYRS PLNYSDENLD EAAAALSRLY TALRGLAPDL PLPLGEDRDE GFSSRFADAM QDDFNTPEAI AVLFDLAREI NRHKAAPAK AAALGATLKS LGNVLGLLQT DPEAYFKSDA GGSGLSDADI ETRIRARLEA RKAKNWAESD RIRDELKAQG IILED SAAGT TWRRE
Source	Baculovirus
Target Names	cysS
Protein Names	Recommended name: Cysteine-tRNA ligase EC= 6.1.1.16 Alternative name(s): Cysteinyl-tRNA synthetase Short name= CysRS
Expression Region	1-465
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.