Recombinant Synechococcus sp. Glutamate--tRNA ligase (gltX)

Product Code	CSB-MP335685FQA
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.	P31970
Product Type	Recombinant Protein
Immunogen Species	Synechococcus sp. (strain ATCC 27264 / PCC 7002 / PR-6) (Agmenellum quadruplicatum)
Purity	≥85% (SDS-PAGE)
Sequence	MTVRVRIAPS PTGNLHIGTA RTAVFNWLFA HHHGGTFVLR VEDTDLERSK PEYTENIKTG LQWLGLHWDE GPFFQTQRLD QYKAAIQTLL DQGLAYRCYC TPAELEAMRE QQKANNQAPR YDNRHRNLTE AQRAEFEAQG RKPVIRFKID DAQQIVWQDL IRGTMTWKGS DLGGDMVIAR TPEGDESFGQ PLYNLAVVVD DIDMQISHVI RGEDHIANTA KQILLYEALG AAVPQFAHTP LILNQEGRKL SKRDGVTSID DFRQMGFLPQ AIANYMSLLG WTPTDSTQEI FTLEEAAKEF SLERVNKAGA KFDWDKLDWI NAQYLHQMPI PALTDLLIPY LQAAGYGDYL GDRPWLESLV ALVAPSLTRL ADVTQETRLL FGDSITLDEK ATAQLQTEGV KVILQEILQN IQASTNFTPD EAKALINQAT KAHGVKKGVV MKSMRAGLMG ELQGPDLMQS WVLLHQKGWD IERLNQAIAS I
Source	Mammalian cell
Target Names	gltX
Protein Names	Recommended name: Glutamate--tRNA ligase EC= 6.1.1.17 Alternative name(s): Glutamyl-tRNA synthetase Short name= GluRS
Expression Region	1-481
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.