



Recombinant Glycine--tRNA ligase alpha subunit (glyQ)

Product Code	CSB-EP733353SMZ-B
Abbreviation	glyQ
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.	Q5XAJ5
Product Type	Recombinant Protein
Immunogen Species	Streptococcus pyogenes serotype M6 (strain ATCC BAA-946 / MGAS10394)
Purity	≥85% (SDS-PAGE)
Sequence	MSKKLTFQEI ILTLQQYWND QGCMLMQAYD NEKGAGTMSP YTFLRAIGPE PWNAAYVEPS RRPADGRYGE NPNRLYQHHQ FQVVMKPSPS NIQELYLASL EKLGINPLEH DIRFVEDNWE NPSTGSAGLG WEVWLDGMEI TQFTYFQQVG GLATSPVTAE VTYGLERLAS YIQEVDSVYD IEWAPGVKYG EIFLQPEYEH SKYSFEMSDQ DMLLENFEKF EKEASRALEE GLVHPAYDYV LKCSHTFNLL DARGAVSVTE RAGYIARIRN LARVVAKTFV AERKKLGFPL LDEATRAILL AEDDE
Source	E.coli
Target Names	glyQ
Protein Names	Recommended name: Glycine--tRNA ligase alpha subunit EC= 6.1.1.14 Alternative name(s): Glycyl-tRNA synthetase alpha subunit Short name= GlyRS
Expression Region	1-305
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.