



Recombinant Escherichia coli Glycine--tRNA ligase alpha subunit (glyQ)

Product Code	CSB-MP542687ENX
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.	B1LJC1
Product Type	Recombinant Protein
Immunogen Species	Escherichia coli (strain SMS-3-5 / SECEC)
Purity	>85% (SDS-PAGE)
Sequence	MQKFDTRTFQ GLILTLQDYW ARQGCTIVQP LDMEVGAGTS HPMTCLRALG PEPMAAYVQ PSRRPTDGRY GENPNRLQHY YQFQVVIKPS PDNIQELYLG SLKELGMDPT IHDIRFVEDN WENPTLGAWG LGWEVWLNGM EVTQFTYFQQ VGGLECKPVT GEITYGLERL AMYIQGVDSV YDLVWSDGPL GKTTYGDVFNH QNEVEQSTYN FEYADVDFLF TCFEQYEKEA QQLLALENPL PLPAYERILK AAHSFNLLDA RKAISVTERQ RYILRIRTLT KAVAEAYYAS REALGFPMCN KDK
Source	Mammalian cell
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	1-303
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.