



Recombinant Propionibacterium acnes Glycine--tRNA ligase (glyQS)

Product Code	CSB-EP734793PSG-B
Abbreviation	glyQS
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.	Q6A964
Product Type	Recombinant Protein
Immunogen Species	Propionibacterium acnes (strain KPA171202 / DSM 16379)
Purity	≥85% (SDS-PAGE)
Sequence	MRTWKKGTAV ASTSTLDNVI NLCKRRGFVF PCGEIYGGTR AAWDYGPFGV ELKENIKRQW WRAMVTRRDD VVGLDSSVIL PREVWVASGH VGVFNDPLTE CLSCHKRMRA DHLQEGHAAK HGIADPDSIS LEEVNCPNCG NKGQWTEPRD FNMLKTYLG PVEDKSGLHY LRPETAQGIF VNFQNVLTSA RKKPPFGIAQ TGKSFRNEIT PGNFIFRTRE FEQMEMEFFV EPGTDEEWHQ YWIDVRTAWY TDLGINPDNL RHYEHPKEKL SHYSKRTVDV EYKFGFSGSD WGELEGIANR TDFDLGNHSR HSGKDSLYYD QANNKRYLPY VIEPAAGLTR SLMAFMVDAY TEDEAPNAKG GVDKRTVLKL DPRLSPVKAA VLPLSRNSDL SPKARDLAAR LREHWNVDFF DAQAIGKRYR RQDEIGTPFC ITVDFDSLED DAVTIRERDT MAQQRVSIDK VEEYLGGKLL GC
Source	E.coli
Target Names	glyQS
Protein Names	Recommended name: Glycine--tRNA ligase EC= 6.1.1.14 Alternative name(s): Glycyl-tRNA synthetase Short name= GlyRS
Expression Region	1-472
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.