



Recombinant Escherichia coli O45:K1 Glycine--tRNA ligase beta subunit (glyS)

Product Code	CSB-EP483487EOK
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.	B7MER4
Product Type	Recombinant Protein
Immunogen Species	Escherichia coli O45:K1 (strain S88 / ExPEC)
Purity	>85% (SDS-PAGE)
Sequence	MSEKTFLVEI GTEELPPKAL RSLAESFAAN FTAELDNAGL AHGTVQWFAA PRRLALKVAN LAEAQPDREI EKRGPAIAQA FDAEGKPSKA AEGWARGCGI TVDQAERLTT DKGEWLLYRA HVKGESTEAL LPNMVATSLA KLPIPKLMRW GASDVHFVRP VHTVTLLLGD KVIPATILGI QSDRVIRGHR FMGEPEFTID NADQYPEILR ERGKVIADYE ERKAKIKADA EEAARKIGGN ADLSESLLEE VASLVEWPVV LTAKFEEKFL AVPSEALVYT MKGDQKYFPV YANDGKLLPN FIFVANIESK DPQQIISGNE KVVPRRLADA EFFFNTDRKK RLEDNLPRLQ TVLFQQQLGT LRDKTDRIQA LAGWIAEQIG ADVNHATRAG LLSKCDLMTN MVFEFTDTQG VMGMHYARHD GEAEDVAVAL NEQYQPRFAG DDLPSNPVAC ALAIADKMDT LAGIFGIGQH PKGDKDPFAL RRAALGVLRI IVEKNLNDL QTLTEEAVRL YGDKLTNANV VDDVIDFMLG RFRAWYQDEG YTVDTIQAVL ARRPTRPADF DARMKAVSHF RTLEAAAALA AANKRVSNIL AKSDEVLSDR VNA STLKEPE EIKLAMQVVV LRDKLEPYFA EGRYQDALVE LAELREPVDA FFDKVMVMVD DKELRINRLT MLEKLRELFV RVADISLLQ
Source	E.coli
Target Names	glyS
Protein Names	Recommended name: Glycine--tRNA ligase beta subunit EC= 6.1.1.14 Alternative name(s): Glycyl-tRNA synthetase beta subunit Short name= GlyRS
Expression Region	1-689
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.