



# Recombinant Escherichia coli O6:K15:H31 Glycine--tRNA ligase beta subunit (glyS)

<b>Product Code</b>	CSB-YP610635EGY
<b>Abbreviation</b>	glyS
<b>Storage</b>	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.
<b>Uniprot No.</b>	Q0TBP4
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Escherichia coli O6:K15:H31 (strain 536 / UPEC)
<b>Purity</b>	≥85% (SDS-PAGE)
<b>Sequence</b>	MSEKTFLVEI GTEELPPKAL RSLAESFAAN FTAELDNAGL AHGTVQWFAA PRRLALKVAN LAEAQPDREI EKRGPAIAQA FDAEGKPSKA AEGWARGCGI TVDQAERLTT DKGWELLYRA 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 RRAALGVLR IVEKNLNLDL QTLTEEAVRL YGDKLTNANV VDDVIDFMLG RFRAWYQDEG YTVDTIQAVL ARRPTRPADF DARMKAVSHF RTLEAAAALA AANKRVSNIL AKSDEVLSDR VNA STLKEPE EIKLAMQVVV LRDKLEPYFA EGRYQDALVE LAELREPVDA FFDKVMVMVD DKELRINRLT MLEKLRELFLL RVADISLLQ
<b>Source</b>	Yeast
<b>Target Names</b>	glyS
<b>Protein Names</b>	Recommended name: Glycine--tRNA ligase beta subunit EC= 6.1.1.14 Alternative name(s): Glycyl-tRNA synthetase beta subunit Short name= GlyRS
<b>Expression Region</b>	1-689
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	Tag type will be determined during the manufacturing process.
<b>Protein Length</b>	full length protein
<b>Reconstitution</b>	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.