



# Recombinant Escherichia coli Glycine--tRNA ligase beta subunit (glyS)

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|--------------------------|--|
| <b>Product Code</b>      | CSB-BP471768ENW  |
| <b>Storage</b>           | The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself.<br>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>       | B6I3C9   |
| <b>Product Type</b>      | Recombinant Protein  |
| <b>Immunogen Species</b> | Escherichia coli (strain SE11)   |
| <b>Purity</b>            | >85% (SDS-PAGE)  |
| <b>Sequence</b>          | MSEKTFLVEI GTEELPPKAL RSLAESFAAN FTAELDNAGL AHGTVQWFAA<br>PRRLALKVAN LAEAQPDREI EKRGPAIAQA FDAEGKPSKA AEGWARGCGI<br>TVDQAERLTT DKGEWLLYRA HVKGESTEAL LPNMVATSLA KLPIPKLMRW<br>GASDVHFVRP VHTVTLLLGD KVIPATILGI QSDRVIRGHR FMGEPEFTID<br>NADQYPEILR ERGKVIADYE ERKAKIKADA EEAARKIGGN ADLSESLLEE<br>VASLVEWPVV LTAKFEEKFL AVPAEALVYT MKGDQKYFPV YANDGKLLPN<br>FIFVANIESK DPQQIISGNE KVVPRRLADA EFFFNTDRKK RLEDNLPRLQ<br>TVLFQQQLGT LRDKTDRIQA LAGWIAEQIG ADVNHATRAG LLSKCDLMTN<br>MVFEFTDTQG VMGMHYARHD GEAEDEVAVAL NEQYQPRFAG<br>DDLPSNPVAC ALAIADKMDT LAGIFGIGQH PKGDKDPFAL RRAALGVLR<br>IVEKNLNDL QTLTEEAVRL YGDKLTNANV VDDVIDFMLG RFRAWYQDEG<br>YTVDTIQAVL ARRPTRPADF DARMKAVSHF RTLEAAAALA AANKRVSNIL<br>AKSDEVLSDR VNA STLKEPE EIKLAMQVVV LRDKLEPYFA EGRYQDALVE<br>LAELREPVDA FFDKVMVMVD DKELRLNRLT MLEKLRELFL RVADISLLQ |
| <b>Source</b>            | Baculovirus  |
| <b>Target Names</b>      | glyS   |
| <b>Protein Names</b>     | Recommended name: Glycine--tRNA ligase beta subunit EC= 6.1.1.14<br>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.  |



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