



Recombinant Escherichia coli O8 Glycine--tRNA ligase beta subunit (glyS)

Product Code	CSB-YP482544E00
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.	B7M311
Product Type	Recombinant Protein
Immunogen Species	Escherichia coli O8 (strain IA11)
Purity	>85% (SDS-PAGE)
Sequence	MSEKTFLVEIGTEELPPKALRSLAESFAANFTAELDNAGLAHGTVQWFAAPRR LALKVAN LAEAQPDREIEKRGPAIAQAFDAEGKPSKAAEGWARGCGITVDQAERLTSDKG EWLLYRA HVKGESTEALLPNMVATSLAKLPIPKLMRWGASDVHFVRPVHTVTTTTLLGDKVIP ATILGI QSDRVIRGHRFMGEPEFTIDNADQYPEILRERGGKVIADYEERKAKIKADAEAA RKIGGN ADLSESLLEEVASLVEWPVLTAKFEEKFLAVPSEALVYTMKGDQKYFPVYAN DGKLLPN FIFVANIESKDPQQIISGNEKVVRPRLADAEFFNTDRKKRLEDNLPRLQTVLFQ QQLGT LRDKTDRIQALAGWIAEQIGADVNHATRAGLLSKCDLMTNMVFEFTDTQGVMG MHYARHD GEAEDVAVALNEQYQPRFAGDDLPSNPVACALAIADKMDTLAGIFGIGQHPKG DKDPFAL RRAALGVLRIIVEKNLNDLQTLTEEAVRLYGDKLTNANVVDDVIDFMLGRFRA WYQDEG YTVDTIQAVLARRPTRPADFDARMKAVSHFRTLDAALAAANKRVSNILAKSD EVLSDR VNA STLKEPEEIKLAMQVVLRDKLEPYFAEGRYQDALVELAELREPVD AFFDK VMVMVD DKELRLNRLTMLEKLRELFLRVADISLLQ
Source	Yeast
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.