



# Recombinant Escherichia coli O157:H7 Phosphoribosylamine--glycine ligase (purD)

<b>Product Code</b>	CSB-YP848871EOD
<b>Abbreviation</b>	purD
<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>	Q8X612
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Escherichia coli O157:H7
<b>Purity</b>	>85% (SDS-PAGE)
<b>Sequence</b>	MKVLVINGGG REHALAWKAA QSPLVETVFV APGNAGTALE PTLQNVAIGV TDIPALLDFA QNEKVDLTIV GPEAPLVKGV VDTFRAAGMK IFGPTAGAAQ LEGSKAFTKD FLARHNIPTA EYQNFTEVEP ALAYLREKGA PIVIKADGLA AGKGVIVAMT LEEAEAAVHD MLAGNAFGDA GHRIVIEEFL DGEEASFIVM VDGEHVLPMA TSQDHKRVGD KDTGPNTGGM GAYSPAPVVT DDVHQRTMER IIWPTVKGMA SEGNTYTGFL YAGLMIDKQG NPKVIEFNCR FGDPETQPIM LRMKSDLVEL CLAACEGKLD EKTSEWDERA SLGVVMAAGG YPGDYRTGDV IHGLPLEEVE DGKVFHAGTK LADDEQVVTS GGRVLCVTAL GHTVAEAQKR AYALMTDIHW DDCFCRKDIG WRAIEREQN
<b>Source</b>	Yeast
<b>Target Names</b>	purD
<b>Protein Names</b>	Recommended name: Phosphoribosylamine--glycine ligase EC= 6.3.4.13Alternative name(s): GARS Glycinamide ribonucleotide synthetase Phosphoribosylglycinamide synthetase
<b>Expression Region</b>	1-429
<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.
<b>Shelf Life</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.