



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

Product Code	CSB-MP848871EOD
Abbreviation	purD
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.	Q8X612
Product Type	Recombinant Protein
Immunogen Species	Escherichia coli O157:H7
Purity	>85% (SDS-PAGE)
Sequence	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
Source	Mammalian cell
Target Names	purD
Protein Names	Recommended name: Phosphoribosylamine--glycine ligase EC= 6.3.4.13Alternative name(s): GARS Glycinamide ribonucleotide synthetase Phosphoribosylglycinamide synthetase
Expression Region	1-429
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.