



Recombinant Escherichia coli Phosphoribosylformylglycinamide cyclo-ligase (purM)

Product Code	CSB-EP542713ENX
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.	B1LNFO
Product Type	Recombinant Protein
Immunogen Species	Escherichia coli (strain SMS-3-5 / SECEC)
Purity	>85% (SDS-PAGE)
Sequence	MTDKTSLSYK DAGVDIDAGN ALVGRIKGVV KKTRRPEVMG GLGGFGALCA LPQKYREPVL VSGTDGVTGK LRLAMD LKRH DTIGIDL VAM CVNDLVVQGA EPLFFLDYYA TGKLDVDTAS AVISGIAEGC LQSGCSLVGG ETAEMPGMYH GEDYDVAGFC VGVVEKSEII DGSKVS DGDV LIALGSSGPH SNGYSLVRKI LEVSGCDPQT TELDGKPLAD HLLAPTRIV KSVLELIEKV DVHAI AHLTG GGFWENIPRV LPDNTQAVID ESSWQWPEVF NWLQTAGNVE RHEMYRTFNC GVGMIIALPA PEVDKALALL NANGENAWKI GIIKASDSEQ RVVIE
Source	E.coli
Target Names	purM
Protein Names	Recommended name: Phosphoribosylformylglycinamide cyclo-ligase EC= 6.3.3.1 Alternative name(s): AIR synthase AIRS Phosphoribosyl-aminoimidazole synthetase
Expression Region	1-345
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.