Recombinant Escherichia coli O81 Phosphoribosylformylglycinamidine cyclo-ligase (purM)

Product Code	CSB-YP486194EOP
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.	B7MYC7
Product Type	Recombinant Protein
Immunogen Species	Escherichia coli O81 (strain ED1a)
Purity	>85% (SDS-PAGE)
Sequence	MTDKTSLSYK DAGVDIDAGN ALVGRIKGVV KKTRRPEVMG GLGGFGALCA LPQKYREPVL VSGTDGVGTK LRLAMDLKRH DTIGIDLVAM CVNDLVVQGA EPLFFLDYYA TGKLDVNTAS AVISGIAEGC LQSGCSLVGG ETAEMPGMYH GEDYDVAGFC VGVVEKSEII DGSKVSDGDV LIALGSSGPH SNGYSLVRKI LEVSGCDPQT TELDGKPLAD HLLAPTRIYV KSVLELIEKV DVHAIAHLTG GGFWENIPRV LPDNTQAVID ESSWQWPEVF NWLQTAGNVE RHEMYRTFNC GVGMIIALPA PEVDKALALL NANGENAWKI GIIKASDSEQ RVVIE
Source	Yeast
Target Names	purM
Protein Names	Recommended name: Phosphoribosylformylglycinamidine 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.