



Recombinant Salmonella paratyphi A

Phosphoribosylformylglycinamide cyclo-ligase (purM)

Product Code	CSB-EP715928SBM
Abbreviation	purM
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.	Q5PNJ8
Product Type	Recombinant Protein
Immunogen Species	Salmonella paratyphi A (strain ATCC 9150 / SARB42)
Purity	≥85% (SDS-PAGE)
Sequence	TDKTSLSYK DAGVDIDAGN ALVDRIKGVV KKTRRPEVMG GLGGFGALCA LPQKYREPV L VSGTDGVGTK LRLAMD LKRH DAIGIDL VAM CVNDL VVQGA EPLFFLDYYA TGKLDVDTAA SVINGIAEGC LQSGCALVGG ETAEMPGMYH GEDYDVAGFC VGVVEKSEII DGSRVAEGDV LIALGSSGPH SNGYSLVRKI IDVSGCDPQT TLLEGKPLAD HLEPTRIYV KSVLELIENV DVHAI AHLTG GGFWENIPRV LPENTQAVIN ESSWQWPAIF TWLQTAGNVS RHEMYRTFNC GVGMVIALSA PEADKALALL NEKGENAWKI 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	2-345
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 of Mature 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.



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