



Recombinant *Synechococcus elongatus* Uridylate kinase (pyrH)

Product Code	CSB-YP653942FPY
Abbreviation	pyrH
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.	Q31QY1
Product Type	Recombinant Protein
Immunogen Species	<i>Synechococcus elongatus</i> (strain PCC 7942) (<i>Anacystis nidulans</i> R2)
Purity	>85% (SDS-PAGE)
Sequence	MAYKRVLLKL SGEALMGDAS YGIDPAVVQR IAQEIATVVQ DGFQVAIVVG GGNIFRGIKG AAAGMERATA DYVGMIA TVM NAITLQDALE QLQVPTRVQT AIAMQEVAEP YIRRRAIRHL EKGRVVIFGS GTGNPFFTTD TTAALRAAEI NADVVFKATK VDG VYDSDPK LNPQARRFTT LNYNYVLNHE LGVMDSTAIA LCKDNSIPIV VFDLFGEGNI RRAVQGEDIG TTVGGSC EVS
Source	Yeast
Target Names	pyrH
Protein Names	Recommended name: Uridylate kinase Short name= UK EC= 2.7.4.22 Alternative name(s): Uridine monophosphate kinase Short name= UMP kinase Short name= UMPK
Expression Region	1-240
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.