



Recombinant *Synechococcus elongatus* Ribose-phosphate pyrophosphokinase (prs)

Product Code	CSB-MP710542FPY
Abbreviation	prs
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.	Q59988
Product Type	Recombinant Protein
Immunogen Species	<i>Synechococcus elongatus</i> (strain PCC 7942) (<i>Anacystis nidulans</i> R2)
Purity	>85% (SDS-PAGE)
Sequence	MIRSATLPFA SALPSLPDNH RLRLFSGSSN SALSQEVSR Y LGIDLGPMIR KRFADGELYV QIQESIRGCD VYLMQPTCWP VNDHLMELLI MIDACRRASA RQITAVLPYY GYARADRKTA GRESITAKLV ANLITQAGAN RVLAMDLSA QIQGYFDIPF DHVYGSPVLI DYLRSKNLAD LVVVSPDVGG VARARAFK LDDAPLAIID KRRQAHNVAE VLNIGDVQG KTAVLVDDMI DTAGTICEGA RLLRKQGASQ VYACATHAVF SPPAIERLSA SGLFEEVIVT NTIPIPEENR FPQLTILSVA NLLGETIWRI HEESVSSMF R
Source	Mammalian cell
Target Names	prs
Protein Names	Recommended name: Ribose-phosphate pyrophosphokinase Short name= RPPK EC= 2.7.6.1 Alternative name(s): Phosphoribosyl pyrophosphate synthase Short name= P-Rib-PP synthase Short name= PRPP synthase
Expression Region	1-331
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.