



Recombinant *Synechococcus elongatus* Pyridoxine 5'-phosphate synthase (pdxJ)

Product Code	CSB-YP811830FPY
Abbreviation	pdxJ
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.	Q8KPR0
Product Type	Recombinant Protein
Immunogen Species	<i>Synechococcus elongatus</i> (strain PCC 7942) (<i>Anacystis nidulans</i> R2)
Purity	>85% (SDS-PAGE)
Sequence	MPTLGVNIDH VATVRQARRT VEPDPIAAAV LAELAGAEGI TAHLREDRRH IQDRDVRLLR QTVRTRLNLE MAATDEMVAI ALDIRPDYVT LVPERREEVT TEGGLNVVGQ RDRLALVVDQ LQSAGIPVSL FIDAEPDQIA ASAAIQAQWI ELHTGRYAEA ETEAAQAQEL AALRQGCEQA IAAGLRVNAG HGLTYWNVYP VAQLPGMEEL NIGHTIISRA VLVGLERAVR EMKLAMQGKL
Source	Yeast
Target Names	pdxJ
Protein Names	Recommended name: Pyridoxine 5'-phosphate synthase Short name= PNP synthase EC= 2.6.99.2
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.