Recombinant Synechococcus elongatus Phosphoglycerate kinase (pgk)

Product Code	CSB-MP653231FPY
Abbreviation	pgk
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.	Q31P73
Product Type	Recombinant Protein
Immunogen Species	Synechococcus elongatus (strain PCC 7942) (Anacystis nidulans R2)
Purity	>85% (SDS-PAGE)
Sequence	MSKRTLASLT AADLEGKRVL VRVDFNVPLD GNGKITDDTR IRAALPTIRY LSESGAKVIL VSHFGRPKGK PVESMRLTPV AERLSELLGR PVVKTTDAVG AGAEAQVAAT SNGQVVLLEN VRFHAEEEAN DAEFAKALAS LADIYVNDAF GAAHRAHAST AGVTEYLSPC VAGYLLEKEL QYLQAAIDNP QRPLAAIVGG SKVSSKIGVI ETLLDKCDKL LIGGGMIFTF YKAQGLSVGG SLVEEDKLDL ARSLMAKAQE KGVQLLLPVD VVVADKFAPD ANAKTVAIDA IPDGWMGLDI GPESVKQFEE ALADCRSVIW NGPMGVFEFD QFAVGTEAIA RSLAGLTRKG ATTIIGGGDS VAAVEKVGVA SEMSHISTGG GASLELLEGK VLPGVAALDD AA
Source	Mammalian cell
Target Names	pgk
Protein Names	Recommended name: Phosphoglycerate kinase EC= 2.7.2.3
Expression Region	1-402
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.