



Recombinant Pyruvate kinase (PYK)

Product Code	CSB-EP630646LDQ-B
Abbreviation	PYK
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.	Q27686
Product Type	Recombinant Protein
Immunogen Species	Leishmania mexicana
Purity	>85% (SDS-PAGE)
Sequence	MSQLAHLNLTLSIFDPVANYRAARIICTIGPSTQSVEALKG LIQSGMSVAR MNFSGHSHEYHQTINNVNRQAAAELGVNIAIALDTKGPEIRTGQFVGGDA VMERGATCYVTTDPAFADKGTKDKFYIDYQNLKVVVRPGNIYIIDDGILI LQVQSHEDQ TLECTVTNSHTISDRRGVNLPGCDVDLPAVSAKDRVDLQF GVEQGVDMIFASFIRSAEQVGDVRKALGPKGRDIMIICKIENHQGVQNID SIIESDGIMVARGDLGVEIPAQKVVVAQKILISKCNVAGKPVICATQML ESMTYNPRPTRAEVSDVANA VFNAGDCVMLSGETAKGKYPNEVVQYMARI CLEAQSALNEYVFFNSIKKLQHIMPMSADEAVCSSAVNSVYETKAKAMVVL SNTGRSARLVAKYRPNCPICVTTTRLQTCRQLNITQGVESVFFDADKLGH DEGKEHRVAA GVEFAKSKGYVQTGDYCVVIHADHKVKGYA NQTRILLVE
Source	E.coli
Target Names	PYK
Protein Names	Recommended name: Pyruvate kinase Short name= PK EC= 2.7.1.40
Expression Region	1-499
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.