



# Recombinant *Ashbya gossypii* Pyruvate kinase (PYK1), partial

<b>Product Code</b>	CSB-YP765637DOT
<b>Abbreviation</b>	PYK1
<b>Storage</b>	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.
<b>Uniprot No.</b>	Q759A9
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	<i>Ashbya gossypii</i> (strain ATCC 10895 / CBS 109.51 / FGSC 9923 / NRRL Y-1056) (Yeast) ( <i>Eremothecium gossypii</i> )
<b>Purity</b>	>85% (SDS-PAGE)
<b>Sequence</b>	MESRLGWLTR LNYDTGSALR RTSIIGTIGP KTNNPETLVE LRKAGLNIVR MNFSHGSY EY HQSVIDNARK SEELYPGRPL AIALDTKGPE IRTGTTVDNV DYPIPPNHEM IFTTDDQYAK SCDDKVMFVD YKNITKVIEK GRVIYVDDGV LSFEVLEVVD DKTLKVKSLN AGKICSHKGV NLPGTDVDLP ALSEKDKSDL RFGVKNGVHM VFASFIRTAG DILTIREILG EDGKDIIIA KIENQQGVNN FDEILKVT DG VMVARGDLGI EIPAPQVFAV QKMLIAKCNL AGKPVICATQ MLESMTYNPR PTRAEVSDVG NAVLDGADCV MLSGETAKGI YPINAVKTMA ETALIAEQAI PYVPTYDDLRLNTPKPTPTS ETIAAAAVAA TFEQKAKAIV VLSTSGDTTR LVSKYKPNVP IVMVTRNRA ARYCHLHRGV FPFVYEQEAA DEWTTDDVEAR LNFVGEKSKE LGILSEGDTI VTIQGFASGV GHSNTRLRVLT V
<b>Source</b>	Yeast
<b>Target Names</b>	PYK1
<b>Protein Names</b>	Recommended name: Pyruvate kinase Short name= PK EC= 2.7.1.40
<b>Expression Region</b>	1-501
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	Tag type will be determined during the manufacturing process.
<b>Protein Length</b>	Partial
<b>Reconstitution</b>	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.
<b>Shelf Life</b>	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.