



# Recombinant Escherichia coli Pyruvate kinase I (pykF)

<b>Product Code</b>	CSB-YP364920ENV
<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>	P0AD61
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Escherichia coli (strain K12)
<b>Purity</b>	>85% (SDS-PAGE)
<b>Sequence</b>	MKGTKIVCTI GPKTESEEML AKMLDAGMNV MRLNFSHGDY AEHGQRIQNL RNVMSKTGKT AAILLDTKGP EIRTMKLEGG NDVSLKAGQT FTFTTDKSVI GNSEMVAVTY EGFTTDL SVG NTVLVDDGLI GMEVTAIEGN KVICKVLNNG DLGENKGVNL PGVSIALPAL AEKDKQDLIF GCEQGVDFVA ASFIRKRSDV IEIREHLKAH GGENIHIISK IENQEGLNNF DEILEASDGI MVARGDLGVE IPVEEVIFAQ KMMIEKCIRA RKVVITATQM LDSMIKNPRP TRAEAGDVAN AILDGTDAVM LSGESAKGKY PLEAVSIMAT ICERTDRVMN SRLEFNNDNR KLRITEAVCR GAVETAEKLD APLIVVATQG GKSARAVRKY FPDATILALT TNEKTAHQLV LSKGVV PQLV KEITSTDDFY RLGKELALQS GLAHKGDVVV MVSGALVPSG TTNTASVHVL
<b>Source</b>	Yeast
<b>Target Names</b>	pykF
<b>Protein Names</b>	Recommended name: Pyruvate kinase I EC= 2.7.1.40 Alternative name(s): PK-1
<b>Expression Region</b>	1-470
<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>	full length protein
<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.