



# Recombinant Salmonella typhimurium Pyruvate kinase I (pykF)

<b>Product Code</b>	CSB-EP302079SXB
<b>Storage</b>	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
<b>Uniprot No.</b>	P77983
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Salmonella typhimurium (strain LT2 / SGSC1412 / ATCC 700720)
<b>Purity</b>	>85% (SDS-PAGE)
<b>Sequence</b>	MKKTIVCTI GPKTESEEML SKMLDAGMNV MRLNFHSHGDY AEHGQRIQNL RNVMSKTGKK AAILLDTKGP EIRTIKLEGG NDVSLKAGQT FTFTTDKSVV GNNEIVAVTY EGFTSDLSVG NTVLVDDGLI GMEVTAIEGN KVICKVLNNG DLGENKGVNL PGVSIALPAL AEKDKQDLIF GCEQGVDFVA ASFIRKRSRV VEIREHLKAH GGENIQIISK IENQEGLNMF DEILEASDGI MVARGDLGVE IPVEEVIFAQ KMMIEKCIRA RKVVITATQM LDSMIKNPRP TRAEAGDVAN AILDGTDAVM LSGESAKGKY PLEAVSIMAT ICERTDRVMN SRLDYNNSR KLRITEAVCR GAVETAEKLE APLIVVATQG GKSARAVRKY FPDATILALT TNEVTARQLV LSKGVVSQLV KEINSTDDFY RLGKDVALQS GLAQKGDVVV MMSGALVPSG TTNTASVHVL
<b>Source</b>	E.coli
<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.