



Recombinant Salmonella typhimurium Pyruvate kinase I (pykF)

Product Code	CSB-MP302079SXB
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	P77983
Product Type	Recombinant Protein
Immunogen Species	Salmonella typhimurium (strain LT2 / SGSC1412 / ATCC 700720)
Purity	>85% (SDS-PAGE)
Sequence	MKGTKIVCTI GPKTESEEML SKMLDAGMNV MRLNFSHGDY AEHGQRIQNL RNVMSKTGKK AAILLDTKGP EIRTIKLEGG NDVSLKAGQT FTFTTDKSVV GNNEIVAVTY EGFTSDLSVG NTVLVDDGLI GMEVTAIEGN KVICKVLNNG DLGENKGVNL PGVSIALPAL AEKDKQDLIF GCEQGVDFVA ASFIRKRS DV VEIREHLKAH GGENIQIISK IENQEGLNMF DEILEASDGI MVARGDLGVE IPVEEVIFAQ KMMIEKCIRA RKVVITATQM LDSMIKNPRP TRAEAGDVAN AILDGTDAVM LSGESAKGKY PLEAVSIMAT ICERTDRVMN SRLDYNND SR KLRITEAVCR GAVETAEKLE APLIVVATQG GKSARAVRKY FPDATILALT TNEVTARQLV LSKGVVSQLV KEINSTDDFY RLGKDVALQS GLAQKGDVVV MVSGALVPSG TTNTASVHVL
Source	Mammalian cell
Target Names	pykF
Protein Names	Recommended name: Pyruvate kinase I EC= 2.7.1.40 Alternative name(s): PK-1
Expression Region	1-470
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.