



Recombinant Clostridium acetobutylicum Pyruvate kinase (pyk)

Product Code	CSB-EP520947DUB
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.	O08309
Product Type	Recombinant Protein
Immunogen Species	Clostridium acetobutylicum (strain ATCC 824 / DSM 792 / JCM 1419 / LMG 5710 / VKM B-1787)
Purity	>85% (SDS-PAGE)
Sequence	MQKTKMIFTV GPASETTEEIV TAFIKAGMNA SRHNFSGHDH AEHGGRIALV KKVRAKLNKP VAICLDTKGP EIRTGDFNPS KLELQKGSKF TIVCGEEIVG DATKCSISYK DLYKDVKPGN TILIDDGLVG LTVEAIEGTN VICTVANTGL VGSHKGVNVP NVSIQLPAMT EKDKSDLIFG CKEEIDMVSA SFIRKPEDVL AIRKVLNENG GENIQIFSKI ENQEGVDNID AIEVSDGIM VARGDMGVEI PIQRVPLIQK MIIKKCNAV G KPVITATQML DSMMRNPRPT RAEASDIANA IFDGTDAIML SGESANGSYP IEAVTTMAKI AQEAENEINY DKFLAERKGN EKKNTSDVIS LGTCTAAADL EASAITATQ TGSTARTVSK YRPKAPVIAV TPSEKVARKL AMSWGVHPII SDKFGSTDEL ISTSVDKALE AGYVQKGDLV VVAAGVPTNV SGTTNMLKVQ VVE
Source	E.coli
Target Names	pyk
Protein Names	Recommended name: Pyruvate kinase Short name= PK EC= 2.7.1.40
Expression Region	1-473
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.