



Recombinant *Bacillus subtilis* Xylulose kinase (xylB)

Product Code	CSB-EP026240BRJ-B
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	P39211
Product Type	Recombinant Protein
Immunogen Species	<i>Bacillus subtilis</i> (strain 168)
Purity	>85% (SDS-PAGE)
Sequence	<p>MKYVIGIDLG TSAVKTILVN QNGKVCAETS KRYPLIQEKA GYSEQNPEDW VQQTIEALAE LVSISNVQAK DIDGISYSGQ MHGLVLLDQD RQVLRNAILW NDTRTTPQCI RMTEKFGDHL LDITKNRVLE GFTLPKMLWV KEHEPELFKK TAVFLLPKDY VRFRMTGVIH TEYSDAAGTL LLHITRKEWS NDICNQIGIS ADICPPLVES HDCVGSLLPH VAAKTGLLEK TKVYAGGADN ACGAIGAGIL SSGKTLCSIG TSGVILSYEE EKERDFKGV HFFNHGKKDS FYTMGVTLAA GYSLDWFKRT FAPNESFEQL LQGVEAIPIG ANGLLYTPYL VGERTPHADS SIRGSLIGMD GAHNRKHFLR AIMEGITFSL HESIELFREA GKSVHTVVS GGAKNDTWL QMQADIFNTR VIKLENEQGP AMGAAMLAAF GSGWFESLEE CAEQFIREAA AFYPKAQNQVQ KYKTLFDLYK NIYTHTKDLN TALKSFRKN</p>
Source	<i>E. coli</i>
Target Names	xylB
Protein Names	Recommended name: Xylulose kinase Short name= Xylulokinase EC= 2.7.1.17
Expression Region	1-499
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.