



# Recombinant *Bacillus subtilis* Xylulose kinase (xylB)

<b>Product Code</b>	CSB-BP026240BRJ
<b>Storage</b>	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
<b>Uniprot No.</b>	P39211
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	<i>Bacillus subtilis</i> (strain 168)
<b>Purity</b>	>85% (SDS-PAGE)
<b>Sequence</b>	<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 GKSVHTVSI  GGGAKNDTWL QMQADIFNTR VIKLENEQGP AMGAAMLAAF GSGWFESLEE  CAEQFIREAA AFYPKAQNVQ KYKTLFDLYK NIYTHTKDLN TALKSFRKN</p>
<b>Source</b>	Baculovirus
<b>Target Names</b>	xylB
<b>Protein Names</b>	Recommended name: Xylulose kinase Short name= Xylulokinase EC= 2.7.1.17
<b>Expression Region</b>	1-499
<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.