



# Recombinant Xylulose kinase (xylB)

<b>Product Code</b>	CSB-EP026240KBG-B
<b>Storage</b>	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
<b>Uniprot No.</b>	P29444
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Klebsiella pneumoniae
<b>Purity</b>	>85% (SDS-PAGE)
<b>Sequence</b>	MYIGIDLGTS GVKAILNEQ GEVVASHTEK LTVSRPHPLW SEQDPEQWWL ATDTAMKALG AHDSL RHVKG LGIAGQM HGA TLLDKSLQVL RPAILWNDGR CAEECQLLED KVSASRQITG NLMMPGFTAP KLLWVQRHEA AVFSQVDKVL LPKDYLR LRM TGELASDMSD AAGTMWLDVA RRDWSDEMLA ACDLSRDAMP ALFEGSDVTG QLRPEVAQAW NMPPALVGG GGDNAAGAVG IGMADAGQAM LSLGTSGVYF AVSEGFLSKP ESAVHSFCHA CRGRWHLMSV MLSAASCLDW AAKLTGLASV PALIAAAQTA DESAGPVWFL PYLSGERTPH NNPQAKGVFF GLTHQHGP AE LARAVLEGVG YALADGMDV HACAIKPEAI TLIGGGRARY WRQMLADISG LQLDYRTGGD VGPALGAARL AHVAVHDEAD RPGLLKPLPL EQAHRPDDRR VAHYAPQREI FARIFSKLKP LMS
<b>Source</b>	E.coli
<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>	1-483
<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.