



# Recombinant Escherichia coli Xylulose kinase (xylB)

<b>Product Code</b>	CSB-MP026240ENV
<b>Storage</b>	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
<b>Uniprot No.</b>	P09099
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Escherichia coli (strain K12)
<b>Purity</b>	>85% (SDS-PAGE)
<b>Sequence</b>	MYIGIDLGTS GVKVILLNEQ GEVVAQTEK LTVSRPHPLW SEQDPEQWWQ ATDRAMKALG DQHSLQDVKA LGIAGQM HGA TLLDAQQRVL RPAILWNDGR CAQECTLLEA RVPQSRVITG NLMMPGFTAP KLLWVQRHEP EIFRQIDKVL LPKDYLRIRM TGEFASDMSD AAGTMWLDVA KRDWSDVMLQ ACDLSRDQMP ALYEGSEITG ALLPEVAKAW GMATVPVAVG GGDNAAGAVG VGMVDANQAM LSLGTSGVYF AVSEGFLSKP ESAVHSFCHA LPQRWHLMSV MLSAASCLDW AAKLTGLSNV PALIAAAQQA DESAEPVWFL PYLSGERTPH NNPQAKGVFF GLTHQHGPNE LARAVLEGVG YALADGMDVV HACGIKPQSV TLIGGGARSE YWRQMLADIS GQQLDYRTGG DVG PALGAAR LAQIAANPEK SLIELLPQLP LEQSHLPDAQ RYAAYQPRRE TFRRLYQQLL PLMA
<b>Source</b>	Mammalian cell
<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>	1-484
<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.