



Recombinant Escherichia coli Xylulose kinase (xylB)

Product Code	CSB-YP026240ENV
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	P09099
Product Type	Recombinant Protein
Immunogen Species	Escherichia coli (strain K12)
Purity	>85% (SDS-PAGE)
Sequence	MYIGIDLGTS GVKVILLNEQ GEVVAQTEK LTVSRPHPLW SEQDPEQWWQ ATDRAMKALG DQHSLQDVKA LGIAGQM HGA TLLDAQQRVL RPAILWNDGR CAQECTLLEA RVPQSRVITG NLMMPGFTAP KLLWVQRHEP EIFRQIDKVL LPKDYLR LRM TGEFASDMSD AAGTMWLDVA KRDWSDVMLQ ACDLSRDQMP ALYEGSEITG ALLPEVAKAW GMATVPV VAG 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
Source	Yeast
Target Names	xylB
Protein Names	Recommended name: Xylulose kinase Short name= Xylulokinase EC= 2.7.1.17
Expression Region	1-484
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.