



# Recombinant Escherichia coli Xylose import ATP-binding protein XylG (xylG)

<b>Product Code</b>	CSB-EP330708ENV
<b>Storage</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.
<b>Uniprot No.</b>	P37388
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Escherichia coli (strain K12)
<b>Purity</b>	≥85% (SDS-PAGE)
<b>Sequence</b>	MPYLLEMKNI TKTFGSVKAI DNVCLRLNAG EIVSLCGENG SGKSTLMKVL CGIYPHGSYE GEIIFAGEEI QASHIRDTER KGIAIIHQEL ALVKELTVLE NIFLGNEITH NGIMDYDLMT LRCQKLLAQV SLSISPDTRV GDLGLGQQQL VEIAKALNKQ VRLILDEPT ASLTEQETSI LLDIIRDLQQ HGIACIYISH KLNEVKAISD TICVIRDGQH IGTRDAAGMS EDDIITMMVG RELTALYPNE PHTTGDEILR IEHLTAWHPV NRHIKRVNDV SFSLKRGEIL GIAGLVGAGR TETIQCLFGV WPGQWEGKIY IDGKQVDIRN CQQAIAQGIA MVPEDRKRDG IVPVMAVGKN ITLAALNKFT GGISQLDDAA EQKCILESIQ QLKVKTSSPD LAIGRLSGGN QQKAILARCL LLNPRILILD EPTRGIDIGA KYEIKLINQ LVQQGIAVIV ISSELPEVLG LSDRVLMHE GKLKANLINH NLTQEQVMEA ALRSEHHVEK QSV
<b>Source</b>	E.coli
<b>Target Names</b>	xylG
<b>Protein Names</b>	Recommended name: Xylose import ATP-binding protein XylG EC= 3.6.3.17
<b>Expression Region</b>	1-513
<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.