



Recombinant Escherichia coli Periplasmic beta-glucosidase (bglX)

Product Code	CSB-EP341411ENV
Storage	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.
Uniprot No.	P33363
Product Type	Recombinant Protein
Immunogen Species	Escherichia coli (strain K12)
Purity	>85% (SDS-PAGE)
Sequence	DDLFGNHPLT PEARDAFVTE LLKMTVDEK IGQLRLISVG PDNPKEAIRE MIKDGQVGAI FNTVTRQDIR AMQDQVMELS RLKIPLFFAY DVLHGQRTVF PISLGLASSF NLDAPKTVGR VSAYEAADDG LNMTWAPMVD VSRDPRWGRA SEFGEDTYL TSTMGKTMVE AMQGKSPADR YSVMTSVKHF AAYGAVEGGK EYNTVDMSPQ RLFNDYMPY KAGLDAGSGA VMVALNSLNG TPATSDSWLL KDVL RDQWGF KGITVSDHGA IKELIKHGTA ADPEDAVRVA LKSGINMSMS DEYYSKYLPG LIKSGKVTMA ELDDAARHVL NVKYDMGLFN DPYSHLGPKE SDPVDTNAES RLHRKEAREV ARESLVLLKN RLETLPKKS ATIAVVGPLA DSKRDVMGSW SAAGVADQSV TVLTGIKNAV GENGKVLyak GANVTSDKGI IDFLNQYEEA VKVDPRSPQE MIDEAVQTAK QSDVVAVVG EAQGMAHEAS SRTDITIPQS QRDLIAALKA TGKPLVLVLM NGRPLALVKE DQQADAILET WFAGTEGGNA IADVLFGDYN PSGKLPMSFP RSVGQIPVYY SHLNTGRPYN ADKPNKYTSR YFDEANGALY PFGYGLSYTT FTVSDVKLSA PTMKRDGKVT ASVQVTNTGK REGATVVQMY LQDVTASMSR PVKQLKGF EK ITLKPGETQT VSFPIDIEAL KFWNQMKYD AEPGKFNVFI GTDSARVKKG EFELL
Source	E.coli
Target Names	bglX
Protein Names	Recommended name: Periplasmic beta-glucosidase EC= 3.2.1.21 Alternative name(s): Beta-D-glucoside glucohydrolase Cellobiase Gentiobiase
Expression Region	21-765
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 of Mature 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.