



Recombinant D-galactose-binding periplasmic protein (mgIB)

Product Code	CSB-EP360100EGX
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.	P0AEE6
Product Type	Recombinant Protein
Immunogen Species	Escherichia coli O6:H1 (strain CFT073 / ATCC 700928 / UPEC)
Purity	>85% (SDS-PAGE)
Sequence	ADTRIGV TIYKYDDNFM SVVRKAIEQD AKAAPDVQLL MNDSQNDQSK QNDQIDVLLA KGVKALAINL VDPAAAGTVI EKARGQNVVPV VFFNKEPSRK ALDSYDKAYY VGTDSKESGI IQGDLIAKHW AANQGWDLNK DGQIQFVLLK GEPGHPDAEA RTTYVIKELN DKGIKTEQLQ LDTAMWDTAQ AKDKMDAWLS GPNANKIEVV IANNDAMAMG AVEALKAHNK SSIPVFGVDA LPEALALVKS GALAGTVLND ANNQAKATFD LAKNLADGKG AADGTNWKID NKVVRVPYVG VDKDNLAEFS KK
Source	E.coli
Target Names	mgIB
Protein Names	Recommended name: D-galactose-binding periplasmic protein Short name= GBP Alternative name(s): D-galactose/ D-glucose-binding protein Short name= GGBP
Expression Region	24-332
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.