



Recombinant Escherichia coli Glucose-1-phosphate adenylyltransferase (glgC)

Product Code	CSB-EP511520ENU-B
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.	C4ZVY0
Product Type	Recombinant Protein
Immunogen Species	Escherichia coli (strain K12 / MC4100 / BW2952)
Purity	>85% (SDS-PAGE)
Sequence	MVSLEKNDHL MLARQLPLKS VALILAGGRG TRLKDLTNKR AKPAVHFGGK FRIIDFALSN CINSGIRRMG VITQYQSHTL VQHIQRGWSF FNEEMNEFVD LLPAQQRMKG ENWYRGTADA VTQNLDIIRR YKAEYVVILA GDHIYKQDYS RMLIDHVEKG ARCTVACMPV PIEEASAFGV MAVDENDKII EFVEKPANPP SMPNDPSKSL ASMGIVFDA DYLYELLEED DRDENSSSHDF GKDLIPKITE AGLAYAHPFP LSCVQSDPDA EPYWRDVGTL EAYWKANLDL ASVVPEDMY DRNWPIRTYN ESLPPAKFVQ DRSGSHGRTL NSLVSGGCVI SGSVVVQSVL FSRVRVNSFC NIDSAVLLPE VVVGSRCLLR RCVIDRACVI PEGMVI GENA EEDARRFYRS EEGIVLV TRE MLRKLGHKQE R
Source	E.coli
Target Names	glgC
Protein Names	Recommended name: Glucose-1-phosphate adenylyltransferase EC= 2.7.7.27 Alternative name(s): ADP-glucose pyrophosphorylase Short name= ADPGlc PPase ADP-glucose synthase
Expression Region	1-431
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.