



Recombinant Solanum tuberosum Glucose-1-phosphate adenylyltransferase small subunit, chloroplastic/amyloplastic

Product Code	CSB-EP332918FIG-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.	P23509
Product Type	Recombinant Protein
Immunogen Species	Solanum tuberosum (Potato)
Purity	>85% (SDS-PAGE)
Sequence	VSDSQNSQ TCLDPDASRS VLGILGGGA GTRLYPLTKK RAKPAVPLGA NYRLIDIPVS NCLNSNISKI YVLTQFNSAS LNRHLSRAYA SNMGGYKNEG FVEVLAAQQS PENPDWFQGT ADAVRQYLWL FEEHTVLEYL ILAGDHLYRM DYEKFIQHR ETDADITVAA LPMDEKRATA FGLMKIDEEG RIEFAEKPQ GEQLQAMKVD TTILGLDDKR AKEMPIASM GIYVISKDVM LNLLRDKFPG ANDFGSEVIP GATSLGMRVQ AYLYDGYWED IGTEAFYNA NLGITKKPVP DFSFYDRSAP IYQPRYLPP SKMLDADVTD SVIGEGCVIK NCKIHHSVVG LRSCISEGAI IEDSLLMGAD YYETDADRKL LAAKGSVPIG IGKNCHIKRA IIDKNARIGD NVKIINKDNV QEAARETDGY FIKSGIVTVI KDALIPSGII I
Source	E.coli
Protein Names	Recommended name: Glucose-1-phosphate adenylyltransferase small subunit, chloroplastic/amyloplastic EC= 2.7.7.27 Alternative name(s): ADP-glucose pyrophosphorylase ADP-glucose synthase AGPase B Alpha-D-glucose-1-phosphate adenylyl
Expression Region	73-521
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.