



# Recombinant Arabidopsis thaliana Glucose-1-phosphate adenylyltransferase large subunit 1, chloroplastic (ADG2)

<b>Product Code</b>	CSB-EP347013DOA-B
<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>	P55229
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Arabidopsis thaliana (Mouse-ear cress)
<b>Purity</b>	≥85% (SDS-PAGE)
<b>Sequence</b>	SSTNFS QKRILMSLNS VAGESKVQEL ETEKRDPRTV ASIILGGGAG TRLFPLTKRR AKPAVPIGGA YRLIDVPMSN CINSGINKVY ILTQYNSASL NRHLARAYNS NGLGFGDGYV EVLAATQTPG ESGKRWFGGT ADAVRQFHWL FEDARSKDIE DVLILSGDHL YRMDYMDFIQ DHRQSGADIS ISCIPIDDR ASDFGLMKID DKGRVISFSE KPKGDDLKAM AVDTTILGLS KEEAKKPYI ASMGVYVFKK EILLNLLRWR FPTANDFGSE IIPFSAKEFY VNAYLFNDYW EDIGTIRSFF EANLALTEHP GAFSFYDAAK PIYTSRRNLP PSKIDNSKLI DSIISHGSFL TNCLIEHSIV GIRSRVGSNV QLKDTVMLGA DYYETEAeva ALLAEGNVPI GIGENTKIQE CIIDKNARVG KNVIANSEG IQEADRSSDG FYIRSGITVI LKNSVIKDGVI
<b>Source</b>	E.coli
<b>Target Names</b>	ADG2
<b>Protein Names</b>	Recommended name: Glucose-1-phosphate adenylyltransferase large subunit 1, chloroplastic EC= 2.7.7.27 Alternative name(s): ADP-glucose pyrophosphorylase ADP-glucose synthase AGPase S Alpha-D-glucose-1-phosphate adenylyl transferase
<b>Expression Region</b>	55-522
<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 of Mature 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.



## Shelf Life

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