



Recombinant Arabidopsis thaliana Glucose-1-phosphate adenylyltransferase small subunit, chloroplastic (APS1)

Product Code	CSB-EP345051DOA-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.	P55228
Product Type	Recombinant Protein
Immunogen Species	Arabidopsis thaliana (Mouse-ear cress)
Purity	≥85% (SDS-PAGE)
Sequence	VSDSQNSQT CLDPDASSSV LGIILGGGAG TRLYPLTKKR AKPAVPLGAN YRLIDIPVSN CLNSNISKIY VLTQFNSASL NRHLSRAYAS NMGGYKNEGF VEVLAQQSP ENPNWFQGT DAVRQYLWLF EEHNVLEYLI LAGDHLRMD YEKFIQAHRE TDADITVAAL PMDEQRATAF GLMKIDEEGR IIEFAEKPKG EHLKAMKVDT TILGLDDQRA KEMPFIASMG IYVVS RDVML DLLRNQFPGA NDFGSEVIPG ATSLGLRVQA YLYDGYWEDI GTIEAFYNAN LGITKKPVPD FSFYDRSAPI YTQPRYLPPS KMLDADVTDS VIGEGCVIKN CKIHHSVVL RSCISEGAI EDSLLMGADY YETATEKSL SAKGSVPIGI GKNSHIKRAI IDKNARIGDN VKIINSDNVQ EAARETDGYF IKSGIVTVIK DALIPTGTVI
Source	E.coli
Target Names	APS1
Protein Names	Recommended name: Glucose-1-phosphate adenylyltransferase small subunit, chloroplastic EC= 2.7.7.27 Alternative name(s): ADP-glucose pyrophosphorylase ADP-glucose synthase AGPase B Alpha-D-glucose-1-phosphate adenyl transferase
Expression Region	72-520
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,



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