



Recombinant Solanum tuberosum Glucose-1-phosphate adenylyltransferase large subunit 1 (AGPS1)

Product Code	CSB-EP310665FIG
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	Q00081
Product Type	Recombinant Protein
Immunogen Species	Solanum tuberosum (Potato)
Purity	>85% (SDS-PAGE)
Sequence	NKIKPGVAYS VITTENDTQT VFVDMPrLER RRANPKDVAA VILGGGEGTK LFPLTSRTAT PAVPVGGCYR LIDIPMSNCI NSAINKIFVL TQYNSAPLNR HIARTYFGNG VSFGDGFVEV LAATQTPGEA GKKWFQGTAD AVRKFIWVFE DAKNKNIENI VVLSGDHLR MDYMELVQNH IDR NADITLS CAPAEDSRAS DFGLVKIDSR GRVVQFAEKP KGFDLKAMQV DTTLVGLSPQ DAKKSPYIAS MGVYVFKTDV LLKLLKWSYP TSNDFGSEII PAAIDDYVQ AYIFKDYWED IGTIKSFYNA SLALTQEFPE FQFYDPKTPF YTSRFLPPT KIDNCKIKDA IISHGCFLRD CSVEHSIVGE RSRLDCGVEL KDTFMMGADY YQTESEIASL LAEGKVPIGI GENTKIRKCI IDKNAKIGKN VSIINKDGVQ EADRPEEGFY IRSGIIILE KATIRDGTVI
Source	E.coli
Target Names	AGPS1
Protein Names	Recommended name: Glucose-1-phosphate adenylyltransferase large subunit 1 EC= 2.7.7.27 Alternative name(s): ADP-glucose pyrophosphorylase ADP- glucose synthase AGPase S Alpha-D-glucose-1-phosphate adenylyl transferase
Expression Region	1-470
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.