



Recombinant Zea mays Glucose-1-phosphate adenylyltransferase large subunit 1, chloroplastic/amyloplastic (SH2)

Product Code	CSB-MP347580ZAX
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.	P55241
Product Type	Recombinant Protein
Immunogen Species	Zea mays (Maize)
Purity	≥85% (SDS-PAGE)
Sequence	FGGRV AATTQCILTS DACPETLHSQ TQSSRKNYAD ANRVSAIILG GGTGSQLFPL TSTRATPAVP VGGCYRLIDI PMSNCFNSGI NKIFVMSQFN STSLNRHIHR TYLEGGINFA DGSVQVLAAT QMPEEPAGWF QGTADSIRKF IWWLEDYYSH KSIDNIVILS GDQLYRMNYM ELVQKHVEDD ADITISCAPV DESRASKNGL VKIDHTGRVL QFFEKPKGAD LNSMRVETNF LSYAIDDAQK YPYLASMGYI VFKKDALLDL LSKYQTLHD FGSEILPRAV LDHSVQACIF TGYWEDVGTI KSFFDANLAL TEQPSKFDY DPKTPFFTAP RCLPPTQLDK CKMKYAFISD GCLLRECNE HSVIGVCSRV SSGCELKDSV MMGADTYETE EEASKLLLAG KVPVGIGRNT KIRNCIDMN ARIGKNVVIT NSKGIQEADH PEEGYYIRSG IVVILKNATI NDGSVI
Source	Mammalian cell
Target Names	SH2
Protein Names	Recommended name: Glucose-1-phosphate adenylyltransferase large subunit 1, chloroplastic/amyloplastic EC= 2.7.7.27 Alternative name(s): ADP-glucose pyrophosphorylase ADP-glucose synthase AGPase S Alpha-D-glucose-1-phosphate aden
Expression Region	46-516
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.