



Recombinant Zea mays Glucose-1-phosphate adenylyltransferase large subunit 2, chloroplastic/amyloplastic (AGP2)

Product Code	CSB-EP346612ZAX-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.	P55234
Product Type	Recombinant Protein
Immunogen Species	Zea mays (Maize)
Purity	>85% (SDS-PAGE)
Sequence	FSA RGA VSSTQCV LTSDAGPDTL VRPNHPFRRN YADPNEVAAV ILGGGTGTQL FPLTSTRATP AVPIGGCYRL IDIPMSNCFN SGINKIFVMT QFNSASLNRH IHRTYLGGGI NFTDGSVEVL AATQMPGEAA GWFQGTADAV RKFIWVLEDY YKHKAIEHIL ILSGDQLYRM DYMELVQKHV DDNADITLSC APVGESRASD YGLVKFDSSG RVIQFSEKPK GAAL EEMKVD TSFLNFATCT LPAEYPYIAS MGVYVFKRDV LLDLLKSRYA ELHDFGSEIL PKALHEHNVQ AYVFTDYWED IGTIRSFDA NMALCEQPPK FEFYDPKTPF FTSPRYLPPT KSDKCRIKDA IISHGCFLRE CAIEHSIVGV PSRLNSGCEL KNTMMMADL YETEDEISRL LAEGKVP IGV GENTKISNCI IDMNCQGWKE RLHNKQRGRS KSPDRPGRRI LIRSGIVVVL KNATIKDGTV I
Source	E.coli
Target Names	AGP2
Protein Names	Recommended name: Glucose-1-phosphate adenylyltransferase large subunit 2, 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	48-521
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

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