



Recombinant Zea mays Adenylosuccinate synthetase, chloroplastic (PURA)

Product Code	CSB-EP519575ZAX
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.	O24578
Product Type	Recombinant Protein
Immunogen Species	Zea mays (Maize)
Purity	>85% (SDS-PAGE)
Sequence	AATAAV HAEDRVSSLT QVSGVLGSQW GDEGKGLVD VLAPRFDIVA RCQGGANAGH TIYNSEGKKF ALHLVPSGIL HEGTLCVVGN GAVIHVPGFF GEIDGLESNG VRCGGRILVS DRAHLLFDLH QAVDGLREAE LENSFIGTTK RGIGPCYSSK VTRNGLRVCD LRHMDTFGDK LDILFKDAAS RFQGFQYSKS LLKEEVERYK KFADRLEPFI ADTVHVLNES IKQKKKILVE GGQATMLDID FGTYPFVTSS SPSAGGICTG LGIAPRAIGD LIGVVKAYTS RVGSGPFPTE LFGEEGRLR KAGMEFGTTT GRPRRCGWLD IVALKHSCQI NGFSSLNLTK LDVLSGLSEI KVGVSYTQTD GQKLQSFPGD LDTLEQVQVN YEVLPGWQSD ISSVRRYDEL PQAARLYVER IEELVGVVPH YIGVGPGRDA LIYK
Source	E.coli
Target Names	PURA
Protein Names	Recommended name: Adenylosuccinate synthetase, chloroplastic Short name= AMPSase Short name= AdSS EC= 6.3.4.4 Alternative name(s): IMP--aspartate ligase
Expression Region	45-484
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.