



Recombinant Arabidopsis thaliana Carboxyvinyl-carboxyphosphonate phosphorylmutase, chloroplastic (At1g77060)

Product Code	CSB-BP526182DOA
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.	O49290
Product Type	Recombinant Protein
Immunogen Species	Arabidopsis thaliana (Mouse-ear cress)
Purity	>85% (SDS-PAGE)
Sequence	AARLVNPTAR IQTRFHRLIE EQGIVLMPGC YDALSAAIVQ QTGFSAGFIS GYALSASLLG KPDFGLLTPP EMAATARSVC ASAPNIPIIA DADTGGGNAL NIQRTVKDLI AAGAAGCFLE DQAWPKKCGH MRGKQVIPAE EHAAKIASAR DAIGDSDFFL VARTDVRATS AKSGLEDAIA RVNLYMEAGA DASFVEAPRD DDELKEIGKR TKGYRVCNMI EGGVTPPLHTP DELKEMGFHL IVHPLTALYA STRALVDVLK TLKENGSTRD HLQKMATFEE FNSLVDLDSW FELEARYSNL RNALGTTKS
Source	Baculovirus
Target Names	At1g77060
Protein Names	Recommended name: Carboxyvinyl-carboxyphosphonate phosphorylmutase, chloroplastic EC= 2.7.8.23 Alternative name(s): Carboxyphosphoenolpyruvate phosphonomutase Short name= CPEP phosphonomutase
Expression Region	31-339
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.