



Recombinant Solanum tuberosum Oxygen-evolving enhancer protein 2, chloroplastic (PSBP)

Product Code	CSB-EP311302FIG-B
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	P93566
Product Type	Recombinant Protein
Immunogen Species	Solanum tuberosum (Potato)
Purity	>85% (SDS-PAGE)
Sequence	AYGEAA NVFGKPKENT DFLPYNGDGF KLQIPAKWNP SKEIEFPGQV LRYEDNFDST SNLMVAVTPT DKKSITDYGS PEEFLSKVDY LLGKQAYFGK TDSEGGFESG AVATANLLEA SSATVGGKQY YYLSVLTRTA DGDEGGKHQL ITATVNDGKL YICKAQAGDK RWFKGAKKFV ENAATSFSIA
Source	E.coli
Target Names	PSBP
Protein Names	Recommended name: Oxygen-evolving enhancer protein 2, chloroplastic Short name= OEE2 Alternative name(s): 23 kDa subunit of oxygen evolving system of photosystem II 23 kDa thylakoid membrane protein OEC 23 kDa subunit
Expression Region	75-260
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.