



Recombinant Zea mays Oxygen-evolving enhancer protein 3-1, chloroplastic (PSBQ1)

Product Code	CSB-EP671437ZAX-B
Abbreviation	PSBQ1
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.	Q41048
Product Type	Recombinant Protein
Immunogen Species	Zea mays (Maize)
Purity	>85% (SDS-PAGE)
Sequence	ET VKTIKIGAPP PPSGGLPGTL NSDQARDFDL PLKERFYLQP LPPAEAAARV KTSAQDIINL KPLIDKKAWP YVQNDLRLRA SYLRYDLKTV IASKPKEEEK SLKELTGKLF STIDDLHAA KIKSTPEAEK YFAATKDALG DVLAKLG
Source	E.coli
Target Names	PSBQ1
Protein Names	Recommended name: Oxygen-evolving enhancer protein 3-1, chloroplastic Short name= OEE3 Alternative name(s): 16 kDa subunit of oxygen evolving system of photosystem II OEC 16 kDa subunit
Expression Region	69-217
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.