



Recombinant *Spinacia oleracea* Oxygen-evolving enhancer protein 1, chloroplastic (PSBO)

Product Code	CSB-EP318952FKI
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.	P12359
Product Type	Recombinant Protein
Immunogen Species	<i>Spinacia oleracea</i> (Spinach)
Purity	≥85% (SDS-PAGE)
Sequence	EGGKRL TYDEIQSKTY LEVKGTGTAN QCPTVEGGVD SFAFKPGKYT AKKFCLEPTK FAVKAEGISK NSGPDFQNTK LMTRLTYTLD EIEGPFVSS DGTVKFEEKD GIDYAAVTQ LPGGERVPFL FTIKQLVASG KPESFSGDFL VPSYRGSSFL DPKGRGGSTG YDNAVALPAG GRGDEEELQK ENNKNVASSK GTITLSVTSS KPETGEVIGV FQSLQPSDTD LGAKVPKDVK IEGVWYAQLE QQ
Source	<i>E.coli</i>
Target Names	PSBO
Protein Names	Recommended name: Oxygen-evolving enhancer protein 1, chloroplastic Short name= OEE1 Alternative name(s): 33 kDa subunit of oxygen evolving system of photosystem II 33 kDa thylakoid membrane protein OEC 33 kDa subunit
Expression Region	85-332
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.