



Recombinant Zea mays Peroxidase 1 (PER1)

Product Code	CSB-EP400883ZAX
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.	A5H8G4
Product Type	Recombinant Protein
Immunogen Species	Zea mays (Maize)
Purity	>85% (SDS-PAGE)
Sequence	QLRVGFY DTSCPNAEAL VRQAVAAFA KDAGIAAGLI RLHFHDCFVR GCDGSVLLTV NPGGGQTERD ALPNNPSLRG FDVIDAAKTA VEQSCPRTVS CADIVAFAR DSISLTGSVS YQVPAGRRDG RVSNATETVD LPPPTSTAQS LTDLFKAKEL SVEDMVVLSG AHTVGRSFCA SFFKRVWNTS TNPATAIVDA GLSPSYAQLL RALCPSNTTQ TTPITTAMDP GTPNVLDDNNY YKLLPRGMGL FFSDNQLRVN PQMAALVSSF ASNETLWKEK FAAAMVKMGR IQVQTGTTCGE VRLNCGVVNP SLYSSSSSAVE LGSSAPAAVG EEGYAAS
Source	E.coli
Target Names	PER1
Protein Names	Recommended name: Peroxidase 1 EC= 1.11.1.7 Alternative name(s): Plasma membrane-bound peroxidase 1 Short name= pmPOX1
Expression Region	34-367
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.