



Recombinant Zea mays Peroxidase 2 (PER2)

Product Code	CSB-EP872203ZAX-B
Abbreviation	PER2
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.	Q9FEQ8
Product Type	Recombinant Protein
Immunogen Species	Zea mays (Maize)
Purity	>85% (SDS-PAGE)
Sequence	S PYYPLELGY YRYTCPQAEAI VKASMEKAIA QNPGNGAAVI RMLFHDCFVE GCDASVLLDP TPFSPTEPEKL AAPNNPSLRG FELIDAIKDA LEAACPGVVS CADIIAFAAR DASCFLSQGK VSFDMPSGRL DGTFNSASES VKFLVPPTSN LSDLASSFAV KGMSLEDLVV LSGAHTVGRS HCSSFVSDRL DVPSDINPAL AAFLRTRCPP NTTTTSDPTV MQDVVTPNAM DIQYYKNVLS HTVLFTSDAA LLTSPETAKL VLDNAKIPGW WEDKFEKAMV KMASLEVKTG HGGQVRKNCR AINHY
Source	E.coli
Target Names	PER2
Protein Names	Recommended name: Peroxidase 2 EC= 1.11.1.7 Alternative name(s): Plasma membrane-bound peroxidase 2 Short name= pmPOX2
Expression Region	30-335
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.