



Recombinant Zea mays Peroxidase 42 (PER42)

Product Code	CSB-EP400166ZAX
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.	A5H453
Product Type	Recombinant Protein
Immunogen Species	Zea mays (Maize)
Purity	≥85% (SDS-PAGE)
Sequence	Q LSSTFYDTSC PSAMSTISSG VNSAVAQQAR VGASLLRLHF HDCFIQGCDA SILLNDTSGE QTQPPNLTN PRAFDVVNSI KAQVEAACPG VVSCADILAV AARDGVVALG GPSWTVLLGR RDSTGSFPSQ TSDLPPPTSS LQALLAAYSK KNLDATDMVA LSGAHTIGQA QCSSFNGHIY NDTNINAAFA TSLKANCPMS GGSSLAPLDT MTPTVFGNDY YKNLLSQKGL LHSDQELFNN GSTDSTVSNF ASSSAAFTSA FTAAMVKMGN LGPLTGTSGQ IRLTCWKLNS S
Source	E.coli
Target Names	PER42
Protein Names	Recommended name: Peroxidase 42 EC= 1.11.1.7 Alternative name(s): Plasma membrane-bound peroxidase 3-1 Short name= pmPOX3-1
Expression Region	30-321
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.