



Recombinant Arabidopsis thaliana Peroxidase 70 (PER70)

Product Code	CSB-EP875506DOA-B
Abbreviation	PER70
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.	Q9FMI7
Product Type	Recombinant Protein
Immunogen Species	Arabidopsis thaliana (Mouse-ear cress)
Purity	>85% (SDS-PAGE)
Sequence	THTNNF LPRPRTGYYG SACWNVESIV RSVVESNYLA NPANAPGILR MHFHDCFVQG CDASVLLAGP NSERTAIPNL SLRGFNVIEE AKTQLEIACP RTVSCADILA LAARDFVHLA GGPWWPVLG RLDGRISLAS NVILPGPTDS VAVQKLRFAE KNLNTQDLVV LAAGHTIGTA GCIVFRDRFF NYDNTGSPDP TIAPSFVPLI QAQCPLNGDP ATRVVLDTGS GDQFDTSYLN NLKNGRGLLE SDQVLWTNLE TRPIVERLLG LRFPFILIFGL EFARSMTKMS QIEIKTGLDG EIRRVCSAVN
Source	E.coli
Target Names	PER70
Protein Names	Recommended name: Peroxidase 70 Short name= Atperox P70 EC= 1.11.1.7 Alternative name(s): ATP45
Expression Region	25-330
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.