



Recombinant Arabidopsis thaliana Peroxidase 3 (PER3)

Product Code	CSB-YP521264DOA
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.	O23044
Product Type	Recombinant Protein
Immunogen Species	Arabidopsis thaliana (Mouse-ear cress)
Purity	>85% (SDS-PAGE)
Sequence	QLQMNF YANSCPNAEK IVQDFVSNHV SNAPSLAAAL IRMHFHDCFV RGCDGSVLIN STSGNAERDA TPNLTVRGFG FIDAIKSVLE AQCPGIVSCA DIIALASRDA VVFTGGPNWS VPTGRRDGRI SNAAEALANI PPPTSINITNL QTLFANQGLD LKDLVLLSGA HTIGVSHCSS FTNRLYNFTG RGGQDPALDS EYAANLKSrk CPSLNDNKTI VEMDPGSRKT FDLSYYQLVL KRRGLFQSDS ALTTNPTTLS NINRILTGSV GSFFSEFAKS MEKMGRINVK TGSAGVRRQ CSVANS
Source	Yeast
Target Names	PER3
Protein Names	Recommended name: Peroxidase 3 Short name= Atperox P3 EC= 1.11.1.7 Alternative name(s): ATPRC RCI3A Rare cold-inducible protein
Expression Region	25-326
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.