



Recombinant Arabidopsis thaliana Peroxidase 49 (PER49)

Product Code	CSB-EP517800DOA-B
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.	O23237
Product Type	Recombinant Protein
Immunogen Species	Arabidopsis thaliana (Mouse-ear cress)
Purity	>85% (SDS-PAGE)
Sequence	DKSYGGKL FPGYYAHSCP QVNEIVRSVV AKAVARETRM AASLLRLHFH DCFVQGCDGS LLLDSSGRVA TEKNSNPNSK SARGFDVVDQ IKAELEKQCP GTVSCADVLT LAARDSSVLT GGPSWVPLG RRDSRSASLS QSNNNIPAPN NTFQTILSKF NRQGLDITDL VALSGSHTIG FSRCTSFQR LYNQSGNGSP DMTLEQSFAA NLRQRCPKSG GDQILSVLDI ISAASFDNSY FKLIENKGL LNSDQVLFSS NEKSRELVKK YAEDQGEFFE QFAESMIKMG NISPLTGSSG EIRKNCRKIN S
Source	E.coli
Target Names	PER49
Protein Names	Recommended name: Peroxidase 49 Short name= Atperox P49 EC= 1.11.1.7 Alternative name(s): ATP31
Expression Region	23-331
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.