



Recombinant Arabidopsis thaliana Peroxidase 51 (PER51)

Product Code	CSB-MP871217DOA
Abbreviation	PER51
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.	Q9SZE7
Product Type	Recombinant Protein
Immunogen Species	Arabidopsis thaliana (Mouse-ear cress)
Purity	>85% (SDS-PAGE)
Sequence	QLRGD FYAGTCPNVE QIVRNAVQKK IQQTFTTIPA TLRLYFHDCF VNGCDASVMI ASTNTNKAEK DHEDNLSLAG DGFDTVIVKAK EAVDAVPNCR NKVSCADILT MATRDVVNLA GGPQYAVELG RRDGLSSAS SVTGKLPKPT FDLNQLNALF AENGLSPNDM IALSGAHTLG FAHCTKVFNR LYNFNKTNV DPTINKDYVT ELKASCPQNI DPRVAINMDP NTPRQFDNVY YKNLQQGKGL FTSDQVLFTD SRSKPTVDLW ANNGQLFNQA FISSMIKLGR VGVKTGSNGN IRRDCGAFN
Source	Mammalian cell
Target Names	PER51
Protein Names	Recommended name: Peroxidase 51 Short name= Atperox P51 EC= 1.11.1.7 Alternative name(s): ATP37
Expression Region	26-329
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.