



Recombinant Arabidopsis thaliana Peroxidase 50 (PER50)

Product Code	CSB-EP673756DOA-B
Abbreviation	PER50
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.	Q43731
Product Type	Recombinant Protein
Immunogen Species	Arabidopsis thaliana (Mouse-ear cress)
Purity	≥85% (SDS-PAGE)
Sequence	QLRRN FYAGSCPVE QIVRNAVQKK VQQTFTTIPA TLRLYFHDCF VNGCDASVMI ASTNNNKA EK DHEENLSLAG DGFDTVIAKAK EALDAVPNCR NKVSCADILT MATRDVVNLA GGPQYDVELG RLDGLSSTAA SVGGKLPHPPT DDVNKLTSLF AKNGLSLNDM IALSGAHTLG FAHCTKVFN R IYTFNKTTKV DPTVNKDYVT ELKASCPRNI DPRVAINMDP TTPRQFDNVY YKNLQQGKGL FTSDQVLFTD RRSKPTVDLW ANNGQLFNQA FINSMIKLGR VGVKTGSNGN IRRDCGAFN
Source	E.coli
Target Names	PER50
Protein Names	Recommended name: Peroxidase 50 Short name= Atperox P50 EC= 1.11.1.7 Alternative name(s): ATP9a PRXR2
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.