



Recombinant Arabidopsis thaliana Peroxidase 21 (PER21)

Product Code	CSB-EP675954DOA-B
Abbreviation	PER21
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.	Q42580
Product Type	Recombinant Protein
Immunogen Species	Arabidopsis thaliana (Mouse-ear cress)
Purity	>85% (SDS-PAGE)
Sequence	EL EMNYYKESCP KAEEIIRQQV ETLYYKHGNT AVSWLRNLFH DCVVKSCDAS LLETARGVE SEQSKRSFG MRNFKYVKII KDALEKECPS TVSCADIVAL SARDGIVMLK GPKIEMIKTG RRDSRGSYLG DVETLIPNHN DSLSSVISTF NSIGIDVEAT VALLGAHSVG RVHCVNLVHR LYPTIDPTLD PSYALYLKKR CPSPTDPNA VLYSRNDRET PMVVDNMYK NIMAHKGLL IDDELATDPR TAPFVAKMAA DNNYFHEQFS RGVRLSETN PLTGDQGEIR KDCRYVN
Source	E.coli
Target Names	PER21
Protein Names	Recommended name: Peroxidase 21 Short name= Atperox P21 EC= 1.11.1.7 Alternative name(s): ATP2a/ATP2b PRXR5
Expression Region	29-327
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.