



Recombinant Arabidopsis thaliana 1-Cys peroxiredoxin PER1 (PER1)

Product Code	CSB-EP519055DOA-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.	O04005
Product Type	Recombinant Protein
Immunogen Species	Arabidopsis thaliana (Mouse-ear cress)
Purity	>85% (SDS-PAGE)
Sequence	MPGITLGDTV PNLEVETTHD KFKLHDYFAN SWTVLFSHPG DFTPVCTTEL GAMAKYAHEF DKRGVKLLGL SCDDVQSHKD WIKDIEAFNH GSKVNYPIIA DPNKEIIPQL NMIDPIENGP SRALHIVGPD SKIKLSFLYP STTGRNMDEV LRALDSLLMA SKHNNKIATP VNWKPDQPVV ISPAVSDEEA KKMFPQGFKT ADLPSKKGYL RHTEVS
Source	E.coli
Target Names	PER1
Protein Names	Recommended name: 1-Cys peroxiredoxin PER1 EC= 1.11.1.15 Alternative name(s): Rehydrin homolog Thioredoxin peroxidase
Expression Region	1-216
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 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.