



Recombinant Arabidopsis thaliana Peroxidase 29 (PER29)

Product Code	CSB-EP888802DOA-B
Abbreviation	PER29
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.	Q9LSP0
Product Type	Recombinant Protein
Immunogen Species	Arabidopsis thaliana (Mouse-ear cress)
Purity	>85% (SDS-PAGE)
Sequence	DQ METNNEGLSY SYYEKTCPKV EEIVRSSLSS MFILDPTSPA ALLRLMFHDC QVQGCDASIL LEPIRDQQFT ELDSAKNFGI RKRDLVGSIK TSLELECPKQ VSCSDVILA ARDAVALTGG PLISVPLGRK DSLSTPSKHV ADSELPPSTA DVDTTSLFA NKGMTIEESV AIMGAHTIGV THCNNVLSRF DNANATSENM DPRFQTFRLV ACPEFSPTSQ AAEATFVPND QTSVIFDTAY YDDAIAGRGN LRIDSEIGAD PRTRPFVEAF AADQDRFFNA FSSAFVKLSS YKVLTGNEGV IRSVCDKVD
Source	E.coli
Target Names	PER29
Protein Names	Recommended name: Peroxidase 29 Short name= Atperox P29 EC= 1.11.1.7 Alternative name(s): ATP40
Expression Region	29-339
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.