



Recombinant Arabidopsis thaliana Peroxidase 7 (PER7)

Product Code	CSB-EP879878DOA
Abbreviation	PER7
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.	Q9SY33
Product Type	Recombinant Protein
Immunogen Species	Arabidopsis thaliana (Mouse-ear cress)
Purity	>85% (SDS-PAGE)
Sequence	GRKDLPGA GGYGGDDDDD TKSLFPLDNL LSLNYYDRIC PDFEKIVVTK VREWTKSDSS LGPALLRLIF HDCGVTGCDA SVLLDYEGTE RRESPASKTLR GFELIDDIKS EMEKSCPGKV SCADILTSAS RAATVQLGGP YWPNVYGRRD SKHSYARDVE KVPSSGRRDVT ALLETFQSYG LNVLDLVVLS GAHTIGKASC GTIQSRLYNY NATSGSDPSI DAKYADYLQR RCRWASETVD LDPVTPAVFD NQYYINLQKH MGVLSTDQEL VKDPRTAPLV KTFAEQSPQI FRQQFAVSMA KLVNNGVLTG EDRVGEIRKV CSKSNSRAY
Source	E.coli
Target Names	PER7
Protein Names	Recommended name: Peroxidase 7 Short name= Atperox P7 EC= 1.11.1.7 Alternative name(s): ATP30
Expression Region	23-349
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.