



Recombinant Arabidopsis thaliana Peroxidase 57 (PER57)

Product Code	CSB-YP671504DOA
Abbreviation	PER57
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.	Q43729
Product Type	Recombinant Protein
Immunogen Species	Arabidopsis thaliana (Mouse-ear cress)
Purity	>85% (SDS-PAGE)
Sequence	QLRVGFYS QSCPQAETIV RNLVRQRFGV TPTVTAALLR MHFHDCFVKG CDASLLIDST NSEKTAGPNG SVREFDLIDR IKAQLEACP STVSCADIVT LATRDSVALA GGPSYSIPTG RRDGRVSNL DVTLPGPTIS VSGAVSLFTN KGMNTFDAVA LLGAHTVGQG NCGLFSDRIT SFQGTGRPDP SMDPALVTSL RNTCRNSATA ALDQSSPLRF DNQFFKQIRK RRGVLQVDQR LASDPQTRGI VARYANNAF FKRQFVRAMV KMGAVDVLTG RNGEIRRNCR RFN
Source	Yeast
Target Names	PER57
Protein Names	Recommended name: Peroxidase 57 Short name= Aterox P57 EC= 1.11.1.7 Alternative name(s): ATP13a PRXR10
Expression Region	23-313
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.