



Recombinant Arabidopsis thaliana Peroxidase 55 (PER55)

Product Code	CSB-EP846555DOA-B
Abbreviation	PER55
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.	Q96509
Product Type	Recombinant Protein
Immunogen Species	Arabidopsis thaliana (Mouse-ear cress)
Purity	>85% (SDS-PAGE)
Sequence	QLSENYAST CPSVELIVKQ AVTTKFKQTV TTAPATLRMF FHDCFVEGCD ASVFIASENE DAEKDADDNK SLAGDGFDTV IKAKTAVESQ CPGVVSCADI LALAARDVVV LVGGPEFKVE LGRRDGLVSK ASRVTGKLPE PGLDVRGLVQ IFASNGLSLT DMIALSGAHT IGSSHCNRFA NRLHNFSTFM PVDPTMDPVY AQLIQACSD PNPDAVVDID LTSRDTFDNS YYQNLVARKG LFTSDQALFN DLSSQATVVR FANNAEEFY S AFSSAMRNLG RVGVKVGNGG EIRRDCSAFN
Source	E.coli
Target Names	PER55
Protein Names	Recommended name: Peroxidase 55 Short name= Aterox P55 EC= 1.11.1.7 Alternative name(s): ATP20a
Expression Region	31-330
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.