



Recombinant Arabidopsis thaliana Peroxidase 42 (PER42)

Product Code	CSB-EP871025DOA-B
Abbreviation	PER42
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.	Q9SB81
Product Type	Recombinant Protein
Immunogen Species	Arabidopsis thaliana (Mouse-ear cress)
Purity	>85% (SDS-PAGE)
Sequence	VTEAEPG LMMNFYKDTG PQAEDIVREQ VKLLYKRHKN TAFSWLRNIF HDCAVESDA SLLLDSTRRE LGEKEHDRSF GLRNFYRIEE IKEALERECP GVVSCSDILV LSAREGIEAV GGPYIPLKTG RRDGLKSRTD MLESYLPDHN ESISVVLEKF KSIGIDTPGL VALLGSHSVG RTHCVKLVHR LYPEVDPSLN PDHVPMLHK CPDSIPDKA VQYVRNDRGT PMVLDNNYYR NILDNKGLLL VDHQLAHDKR TRPIVKKMAK DQAYFFKEFT RAIQILSENN PLTGSKGEIR KQCNLANKNH
Source	E.coli
Target Names	PER42
Protein Names	Recommended name: Peroxidase 42 Short name= Atperox P42 EC= 1.11.1.7 Alternative name(s): ATP1a/ATP1b PRXR1
Expression Region	24-330
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.