



# Recombinant Arabidopsis thaliana Peroxidase 27 (PER27)

<b>Product Code</b>	CSB-EP674870DOA-B
<b>Abbreviation</b>	PER27
<b>Storage</b>	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.
<b>Uniprot No.</b>	Q43735
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Arabidopsis thaliana (Mouse-ear cress)
<b>Purity</b>	≥85% (SDS-PAGE)
<b>Sequence</b>	QGLKVG F YSKTCPQLEG IVKKVVF D AM NKAP T LGAP L LRMFFHDC F V R GCDG S VLLD K PNNQGEKSA V PNL S LRGFG I I D D S K A A L E K V C P G I V S C S D I L A L V A R D A M V A L E G P S W E V E T G R R D G R V S N I N E V N L P S P F D N I T K L I S D F R S K G L N E K D L V I L S G G H T I G M G H C P L L T N R L Y N F T G K G D S D P S L D S E Y A A K L R K K C K P T D T T T A L E M D P G S F K T F D L S Y F T L V A K R R G L F Q S D A A L L D N S K T R A Y V L Q Q I R T H G S M F F N D F G V S M V K M G R T G V L T G K A G E I R K T C R S A N
<b>Source</b>	E.coli
<b>Target Names</b>	PER27
<b>Protein Names</b>	Recommended name: Peroxidase 27 Short name= Atperox P27 EC= 1.11.1.7 Alternative name(s): ATP12a PRXR7
<b>Expression Region</b>	24-321
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	Tag type will be determined during the manufacturing process.
<b>Protein Length</b>	Full Length of Mature Protein
<b>Reconstitution</b>	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.
<b>Shelf Life</b>	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.