



# Recombinant Arabidopsis thaliana Peroxidase 53 (PER53)

<b>Product Code</b>	CSB-YP672591DOA
<b>Abbreviation</b>	PER53
<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>	Q42578
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Arabidopsis thaliana (Mouse-ear cress)
<b>Purity</b>	>85% (SDS-PAGE)
<b>Sequence</b>	QLNATFYSGT CPNASAIURS TIQQALQSDT RIGASLIRLH FHDCFVNGCD ASILLDDTGS IQSEKNAGPN VNSARGFNVV DNIKTALENA CPGVVSCSDV LALASEASVS LAGGPSWTVL LGRRDSL TAN LAGANSSIPS PIESLSNITF KFAVGLNTN DLVALSGAHT FGRARCGVFN NRLFNFSGTG NPDPTLNSTL LSTLQQLCPQ NGSASTITNL DLSTPDAFDN NYFANLQSNL GLLQSDQELF STTGSSTIAI VTSFASNQTL FFQAFQSMI NMGNISPLTG SNGEIRLDCK KVNGS
<b>Source</b>	Yeast
<b>Target Names</b>	PER53
<b>Protein Names</b>	Recommended name: Peroxidase 53 Short name= Atperox P53 EC= 1.11.1.7 Alternative name(s): ATPA2
<b>Expression Region</b>	31-335
<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.