



Recombinant Arabidopsis thaliana Peroxidase 53 (PER53)

Product Code	CSB-EP672591DOA-B
Abbreviation	PER53
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.	Q42578
Product Type	Recombinant Protein
Immunogen Species	Arabidopsis thaliana (Mouse-ear cress)
Purity	>85% (SDS-PAGE)
Sequence	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
Source	E.coli
Target Names	PER53
Protein Names	Recommended name: Peroxidase 53 Short name= Atperox P53 EC= 1.11.1.7 Alternative name(s): ATPA2
Expression Region	31-335
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.