



Recombinant Arabidopsis thaliana Peroxidase 54 (PER54)

Product Code	CSB-EP884227DOA-B
Abbreviation	PER54
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.	Q9FG34
Product Type	Recombinant Protein
Immunogen Species	Arabidopsis thaliana (Mouse-ear cress)
Purity	>85% (SDS-PAGE)
Sequence	QLNATFYSG TCPNASAIVR STIQQALQSD ARIGGSLIRL HFHDCFVNGC DGSLLDDTS SIQSEKNAPA NANSTRGFNV VDSIKTALEN ACPGIVSCSD ILALASEASV SLAGGPSWTV LLGRRDGLTA NLSGANSSLP SPFEGLNIT SKFVAVGLKT TDVVSLSGAH TFGRGQCVTF NNRLFNFNGT GNPDPPTLNST LLSSLQQLCP QNGSNTGITN LDLSTPDAFD NNYFTNLQSN NGLLQSDQEL FSNTGSATVP IVNSFASNQT LFFFAFVQSM IKMGNISPLT GSSGEIRQDC KVVNGQSSAT EAGDIQLQSD GPVSVADM
Source	E.coli
Target Names	PER54
Protein Names	Recommended name: Peroxidase 54 Short name= Atperox P54 EC= 1.11.1.7 Alternative name(s): ATP29a
Expression Region	32-358
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.