



# Recombinant Arabidopsis thaliana Peroxidase 54 (PER54)

<b>Product Code</b>	CSB-EP884227DOA
<b>Abbreviation</b>	PER54
<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>	Q9FG34
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Arabidopsis thaliana (Mouse-ear cress)
<b>Purity</b>	>85% (SDS-PAGE)
<b>Sequence</b>	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
<b>Source</b>	E.coli
<b>Target Names</b>	PER54
<b>Protein Names</b>	Recommended name: Peroxidase 54 Short name= Atperox P54 EC= 1.11.1.7 Alternative name(s): ATP29a
<b>Expression Region</b>	32-358
<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.