



Recombinant Arabidopsis thaliana Peroxidase 10 (PER10)

Product Code	CSB-EP884341DOA-B
Abbreviation	PER10
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.	Q9FX85
Product Type	Recombinant Protein
Immunogen Species	Arabidopsis thaliana (Mouse-ear cress)
Purity	>85% (SDS-PAGE)
Sequence	FPS GYNNGYNNGH GHGLTSLNLY RFYDRSCPRL QTIVKSGVWR AFKDDSRIAA SLLRLHFHDC FVNGCDGSIL LNSEDFKGE KNAQPNRNSV RGFEVIEDIK SDIESSCPLT VSCADIVALA AREAVLTGG PFWPVLGRR DSLTASEQAA NTNLPSPFEA LENITAKFVT LGLDLKDVVV LSGAHTIGFA QCFVIKHLRF NFKGSGQPD PDLAASSALLS KLKDTCPNVD SSSDKLAALD AASSVKFDNA YYVNLMMNIG LLDSDQTLMT DPTAALVKS YSENPYLF SR DFAVSMVKMG NIGVMTGSDG VIRGKCGFPG
Source	E.coli
Target Names	PER10
Protein Names	Recommended name: Peroxidase 10 Short name= Atperox P10 EC= 1.11.1.7 Alternative name(s): ATP5a
Expression Region	28-350
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.