



Recombinant Arabidopsis thaliana Peroxidase 36 (PER36)

Product Code	CSB-EP871037DOA-B
Abbreviation	PER36
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.	Q9SD46
Product Type	Recombinant Protein
Immunogen Species	Arabidopsis thaliana (Mouse-ear cress)
Purity	≥85% (SDS-PAGE)
Sequence	YQ THQSTSSVAS LSPQFYENSC PNAQAIVQSY VANAYFNDPR MAASILRLHF HDCFVNGCDA SVLLDSSGTM ESEKRSNANR DSARGFEVID EIKSALENEC PETVSCADLL ALVARDSIVI CGGPSWEVYL GRRDAREASL IGSMENIPSP ESTLQTILTM FNFQGLDLTD LVALLGSHTI GNSRCIGFRQ RLYNHTGNND PDQTLNQDYA SMLQQGCPIS GNDQNLFNLD YVTPTKFDNY YYKNLVNFRG LLSSDEILFT QSIETMEMVK YYAENEGAFF EQFAKSMVKM GNISPLTGTD GEIRRICRRV NHDV
Source	E.coli
Target Names	PER36
Protein Names	Recommended name: Peroxidase 36 Short name= Atperox P36 EC= 1.11.1.7
Expression Region	29-344
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.