



Recombinant Arabidopsis thaliana Peroxidase 23 (PER23)

Product Code	CSB-EP528049DOA
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.	O80912
Product Type	Recombinant Protein
Immunogen Species	Arabidopsis thaliana (Mouse-ear cress)
Purity	>85% (SDS-PAGE)
Sequence	Q LRPDFYFRTC PPIFNIIGDT IVNELRTDPR IAASLLRLHF HDCFVRGCDA SILLDNSTSF RTEKDAAPNK NSVRGFDVID RMKAAIERAC PRTVSCADII TIASQISVLL SGGPWWPVPL GRRDSVEAFF ALANTALPSP FSTLTQLKTA FADVGLNRPS DLVALSGGHT FGKAQCQFVT PRLYNFNGTN RPDPSLNPTY LVELRRLCPQ NGNGTVLVNF DSVTPTTFDR QYYTNLLNGK GLIQSDQVLF STPGADTIPL VNQYSSNTFV FFGAFVDAMI RMGNLKPLTG TQGEIRQNCR VVNPRIRVVE NDDGVVSSI
Source	E.coli
Target Names	PER23
Protein Names	Recommended name: Peroxidase 23 Short name= Atperox P23 EC= 1.11.1.7 Alternative name(s): ATP34
Expression Region	30-349
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.