



Recombinant Arabidopsis thaliana Peroxidase 22 (PER22)

Product Code	CSB-MP340594DOA
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.	P24102
Product Type	Recombinant Protein
Immunogen Species	Arabidopsis thaliana (Mouse-ear cress)
Purity	>85% (SDS-PAGE)
Sequence	Q LRPDFYFGTC PFVFDIIGNI IVDELQTDPR IAASLLRLHF HDCFVRGCDA SILLDNSTSF RTEKDAAPNA NSARGFNVID RMKVALERAC PGRVSCADIL TIASQISVLL SGGPWWPVPL GRRDSVEAFF ALANTALPSP FFNLTQLKTA FADVGLNRTS DLVALSGGHT FGRAQCQFVT PRLYNFNGTN SPDPSLNPTY LVELRRLCPQ NGNGTVLVNF DVVTPDAFDS QYYTNLRNGK GLIQSDQELF STPGADTIPL VNQYSSDMSV FFRAFIDAMI RMGNLRPLTG TQGEIRQNCR VVNPRIRVVE NDDGVVSSI
Source	Mammalian cell
Target Names	PER22
Protein Names	Recommended name: Peroxidase 22 Short name= Atperox P22 EC= 1.11.1.7 Alternative name(s): ATPEa Basic peroxidase E
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.