



Recombinant Arabidopsis thaliana Peroxidase 44 (PER44)

Product Code	CSB-EP856663DOA
Abbreviation	PER44
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.	Q93V93
Product Type	Recombinant Protein
Immunogen Species	Arabidopsis thaliana (Mouse-ear cress)
Purity	>85% (SDS-PAGE)
Sequence	QLRTGFYSRS CPRAESIVAS VVANRFRSDK SITAAFLRMQ FHDCFVARGCD ASLLIDPRPG RPSEKSTGPN ASVRGYEIID EAKRQLEAAC PRTVSCADIV TLATRDSVAL AGGPRFSVPT GRRDGLRSNP NDVNLPGPTI PVSASIQLF AQQMNTNDMV TLIGGGHSVG VAHCSLFQDR LSDRAMEPSL KSSLRRKCSS PNDPTTFLDQ KTSFTVDNAI YGEIRRQGI LRIDQNLGLD RSTSGIVSGY ASSNTLFRKR FAEALVKMGT IKVLTGRSGE IRRNCRVFNN
Source	E.coli
Target Names	PER44
Protein Names	Recommended name: Peroxidase 44 Short name= Atperox P44 EC= 1.11.1.7 Alternative name(s): ATP35
Expression Region	21-310
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.