



Recombinant Arabidopsis thaliana Peroxidase 18 (PER18)

Product Code	CSB-EP874448DOA-B
Abbreviation	PER18
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.	Q9SK52
Product Type	Recombinant Protein
Immunogen Species	Arabidopsis thaliana (Mouse-ear cress)
Purity	>85% (SDS-PAGE)
Sequence	E LSFNFYAGSC PGAELIVRNT VRSASSSDPS VLGKLLRLIF HDCFVQGC DG SVLIRGNGTE RSDPGNASLG GFAVIESVKN ILEIFCPGTV SCADILVLAA RDAVEALGGP VVPIPTGRRD GRVSMAANVR PNIIDTFTV DKMINIFSSK GLSVHDLVVL SGAHTIGA AH CNTFNSRFKL DPKGNLELID ASLDNSYAQT LVNKCSSL D PTTTVVDNDP ETSSTFDNQY YKNLLAHKGL FQTDSALMED DRTRKIVEIL ANDQESFFDR WTESFLKMSL MGVRVGE EGE IRRSCSAVN
Source	E.coli
Target Names	PER18
Protein Names	Recommended name: Peroxidase 18 Short name= Atperox P18 EC= 1.11.1.7
Expression Region	30-329
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.