



Recombinant Arabidopsis thaliana Peroxidase 58 (PER58)

Product Code	CSB-EP349328DOA-B
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.	P59120
Product Type	Recombinant Protein
Immunogen Species	Arabidopsis thaliana (Mouse-ear cress)
Purity	>85% (SDS-PAGE)
Sequence	QLTSDFY STTCPNVTAI ARGLIERASR NDVRLTAKVM RLHFHDCFVN GCDGSVLLDA APADGVEGEK EAFQNAGSLD GFEVIDDIKT ALENVCPGVV SCADILAI AA EISVALAGGP SLDVLLGRRD GRTAIRADAV AALPLGPD SL EILTSKFSVH NLDTTDLVAL SGAHTFGRVQ CGVINNRLHN FSGNSGQSDP SIEPEFLQTL RRQCPQGGDL TARANLDPTS PDSFDNDYFK NLQNNRGVIE SDQILFSSTG APTVSLVNRF AENQNEFFTN FARSMIKMGN VRILTGREG E IRRDCRRVN
Source	E.coli
Target Names	PER58
Protein Names	Recommended name: Peroxidase 58 Short name= Atperox P58 EC= 1.11.1.7 Alternative name(s): ATP42
Expression Region	24-329
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.