



Recombinant Arabidopsis thaliana Peroxidase 40 (PER40)

Product Code	CSB-EP515810DOA-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.	O23474
Product Type	Recombinant Protein
Immunogen Species	Arabidopsis thaliana (Mouse-ear cress)
Purity	>85% (SDS-PAGE)
Sequence	ENPTNFSES CEDGSGETGS SFGIGFDLVL DFGLYRNSCP EAESIVYSWV ETTVLEDPRM AASLLRLHFH DCFVNGCDAS VLLDDTEGLV GEKTAPPNLN SLRGFEVIDS IKSDIESVCP ETVSCADILA MAARDSVVVS GGPRWEVEVG RKDSRTASKQ AATNGLPSPN STVSTLISTF QNLGLSQTDM VALSGGHTLG KARCTSFTAR LQPLQTGQPA NHGDNLEFLE SLQQLCSTVG PSVGITQLDL VTPSTFDNQY YVNLLSGEGL LPSDQALAVQ DPGTRAIKET YATDQSVFFE DFKNAMVKMG GIPGGSNSEI RKNCRMIN
Source	E.coli
Target Names	PER40
Protein Names	Recommended name: Peroxidase 40 Short name= Atperox P40 EC= 1.11.1.7
Expression Region	22-348
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.