



Recombinant Arabidopsis thaliana Peroxidase 64 (PER64)

Product Code	CSB-MP674875DOA
Abbreviation	PER64
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.	Q43872
Product Type	Recombinant Protein
Immunogen Species	Arabidopsis thaliana (Mouse-ear cress)
Purity	>85% (SDS-PAGE)
Sequence	LSPHYDDH TCPQADHIVT NAVKKAMSND QTVPAALLRM HFHDCFVRGC DGSVLLDSKG KNKAEKDGPP NISLHAFYVI DNAKKALEEQ CPGIVSCADI LSLAARDAVA LSGGPTWAVP KGRKDGRISK AIETRQLPAP TFNISQLRQN FGQRGLSMHD LVALSGGHTL GFAHCSSFQN RLHKFNTQKE VDPTLNPSFA ARLEGVCPAH NTVKNAGSNM DGTVTSFDNI YYKMLIQGKS LFSSDESLLA VPSTKKLVAK YANSNEEFER AFVKSMIKMS SISGNGNEVR LNCRRVR
Source	Mammalian cell
Target Names	PER64
Protein Names	Recommended name: Peroxidase 64 Short name= Aterox P64 EC= 1.11.1.7 Alternative name(s): ATP17a PRXR4
Expression Region	23-317
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.