



# Recombinant Arabidopsis thaliana Peroxidase 72 (PER72)

<b>Product Code</b>	CSB-EP880767DOA-B
<b>Abbreviation</b>	PER72
<b>Storage</b>	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.
<b>Uniprot No.</b>	Q9FJZ9
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Arabidopsis thaliana (Mouse-ear cress)
<b>Purity</b>	>85% (SDS-PAGE)
<b>Sequence</b>	SKAYGSG GYLFPQFYDQ SCPKAQEIVQ SIVAKAFEHD PRMPASLLRL HFHDCFVKGC DASILLDSSG TIIEKRSNP NRNSARGFEL IEEIKHALEQ ECPETVSCAD ILALAARDST VITGGPSWEV PLGRRDARGA SLSGSNNDIP APNNTFQNIL TKFKRQGLDL VDLVSLSGSH TIGNSRCTSF RQRLYNQSGN GKPDMTLSQY YATLLRQRCP RSGGDQTLFF LDFATPFKFD NHYFKNLIMY KGLLSSEIL FTKNKQSKEL VELYAENQEA FFEQFAKSMV KMGNISPLTG AKGEIRRICR RVNHAY
<b>Source</b>	E.coli
<b>Target Names</b>	PER72
<b>Protein Names</b>	Recommended name: Peroxidase 72 Short name= Atperox P72 EC= 1.11.1.7 Alternative name(s): ATP6a PRXR8
<b>Expression Region</b>	24-336
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	Tag type will be determined during the manufacturing process.
<b>Protein Length</b>	Full Length of Mature Protein
<b>Reconstitution</b>	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.
<b>Shelf Life</b>	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.