



Recombinant Arabidopsis thaliana Peroxidase 27 (PER27)

Product Code	CSB-EP674870DOA
Abbreviation	PER27
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.	Q43735
Product Type	Recombinant Protein
Immunogen Species	Arabidopsis thaliana (Mouse-ear cress)
Purity	≥85% (SDS-PAGE)
Sequence	QGLKVG F YSKTCPQLEG IVKKVVFDM NKAPTLGAPL LRMFFHDCFV RGCDGSVLLD KPNNQGEKSA VPNLSLRGFG IIDDSKAAL KVC PGIVSCS DILALVARDA MVALEGPSWE VETGRRDGRV SNINEVNLPS PFDNITKLIS DFRSKGLNEK DLVILSGGHT IGMGHCP LLT NRLYNFTGKG DSDPSLDSEY AAKL RKKCKP TDTT TALEMD PGSFKTFDLS YFTLVAKRRG L FQSDAALLD NSKTRAYVLQ QIRTHGSMFF NDFGVSMVKM GRTGVLTGKA GEIRKTCRSA N
Source	E.coli
Target Names	PER27
Protein Names	Recommended name: Peroxidase 27 Short name= Atperox P27 EC= 1.11.1.7 Alternative name(s): ATP12a PRXR7
Expression Region	24-321
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.