



Recombinant Arabidopsis thaliana Peroxidase 25 (PER25)

Product Code	CSB-EP524978DOA
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.	O80822
Product Type	Recombinant Protein
Immunogen Species	Arabidopsis thaliana (Mouse-ear cress)
Purity	>85% (SDS-PAGE)
Sequence	QLLK NGYYSTSCP K AESIVRSTVE SHFSDPTIS PGLLR LHFHD CFVQGC DGSV LIKGKSAEQ A ALPNLGLRGL EVIDDAKARL EAVCPGVVSC ADILALAARD SVDLSDGPSW RVPTGRKDGR ISLATEASN L PSPLDSVA VQ KQKFQDKGLD THDLV TLLGA HTIGQTDCLF FRYRLYNFTV TGNSDPTISP SFLTQLK TLC PPNGD GSKRV ALDIGSPSKF DESFFKNLRD GNAILESDQR LWSDAETNAV VKKYASRLRG LLGFRFDYEF GKAMIKMSSI DVKTDVDGEV RKVCSKVN
Source	E.coli
Target Names	PER25
Protein Names	Recommended name: Peroxidase 25 Short name= Atperox P25 EC= 1.11.1.7
Expression Region	27-328
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.