



Recombinant Arabidopsis thaliana Peroxidase 47 (PER47)

Product Code	CSB-EP883007DOA
Abbreviation	PER47
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.	Q9SZB9
Product Type	Recombinant Protein
Immunogen Species	Arabidopsis thaliana (Mouse-ear cress)
Purity	>85% (SDS-PAGE)
Sequence	LSMT YYMMSCPFAE QIVKNSVNNA LQADPTLAAG LIRMLFHDCF IEGCDASILL DSTKDNTAEK DSPANLSLRG YEIIDDAKEK IENRCPGVVS CADIVAMAAR DAVFWAGGPY YDIPKGRFDG KRSKIEDTRN LPSPFLNASQ LIQTFGQRGF TPQDVVALSG AHTLGVARCS SFKARLTPVD SSLDSTFANT LSKTCSAGDN AEQPFDATRN DFDNAYFNAL QMKSGVLFSD QTLFNTPRTR NLVNGYALNQ AKFFDFDQQA MRKMSNLDVK LGSQGEVRQN CRSIN
Source	E.coli
Target Names	PER47
Protein Names	Recommended name: Peroxidase 47 Short name= Aterox P47 EC= 1.11.1.7 Alternative name(s): ATP32
Expression Region	37-325
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.