



Recombinant Arabidopsis thaliana Peroxidase 39 (PER39)

Product Code	CSB-BP886788DOA
Abbreviation	PER39
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.	Q9SUT2
Product Type	Recombinant Protein
Immunogen Species	Arabidopsis thaliana (Mouse-ear cress)
Purity	>85% (SDS-PAGE)
Sequence	QLKMGFY DQTCPYAEKI VQDVVNQHIN NAPSLAAGLI RMHFHDCFVR GCDGSILINA TSSNQQVEKL APPNLTVRGF DFIDKVKSAL ESKCPGIVSC ADIITLATRD SIVAIGGPTW NVPTGRRDGR ISNFAEAMNN IPPPFGNFTT LITLFGNQGL DVKDLVLLSG AHTIGVSHCS SFSNRLFNFT GVGDDPSLD SEYADNLKSR RCLSIADNTT KVEMDPGSRN TFDLSYYRLV LKRRGLFESD AALTMNPAAL AQVKRFAGGS EQEFAEFSN SMEKMGRIGV KTGSDGEIRR TCAFVN
Source	Baculovirus
Target Names	PER39
Protein Names	Recommended name: Peroxidase 39 Short name= Atperox P39 EC= 1.11.1.7 Alternative name(s): ATP19a
Expression Region	24-326
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.