



Recombinant Arabidopsis thaliana Peroxidase 43 (PER43)

Product Code	CSB-EP866032DOA-B
Abbreviation	PER43
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.	Q9SZH2
Product Type	Recombinant Protein
Immunogen Species	Arabidopsis thaliana (Mouse-ear cress)
Purity	>85% (SDS-PAGE)
Sequence	NLEVGF YSNTCPQAES IVKRVVSGAA LSDPNLPAIL LRLHFHDCFV EGCDGSILVN NGAISEKNAF GHEGVRGFEI VEA VKAELEA ACPGVVSCSD IVALAARDAI SLANGPAYEV PTGRRDGRVS NMSLAKDMPE VSDSIEILKA KFMQKGLNAK DLVLLSAAHT IGTTACFFMS KRLYDFLPGG QPDPTINPTF LPELTTQCPQ NGDINVRLPI DRFSERLFDK QILQNIKDG F AVLQTDAGLY EDVTTRQVVD SYLGMLNPFF GPTFESDFVK AIVKMGKIGV KTGFKGEIRR VCSAFN
Source	E.coli
Target Names	PER43
Protein Names	Recommended name: Peroxidase 43 Short name= Atperox P43 EC= 1.11.1.7
Expression Region	25-326
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.