



Recombinant Arabidopsis thaliana Peroxidase 31 (PER31)

Product Code	CSB-EP873267DOA-B
Abbreviation	PER31
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.	Q9LHA7
Product Type	Recombinant Protein
Immunogen Species	Arabidopsis thaliana (Mouse-ear cress)
Purity	>85% (SDS-PAGE)
Sequence	R LTTNFYSKTC PRFLDIIRDIT ITNKQITNPT TAAAVIRLFF HDCFPNGCDA SVLISSTAFN TAERDSSINL SLPGDGFDVI VRAKTALELA CPNTVSCSDI ISVATRDLLI TVGGPYDVF LGRRDSRTSK SLLTDLLPL PSTPISKIIQ QFESKGFTVQ EMVALSGAHS IGFSHCKEFV GRVGRNNTGY NPRFAVALKK ACANYPKDPT ISVFNNDIMTP NKFDNMYQYQN LKKGLGLLES DHGLYSDPRT RYFVDLYAKN QDLFFKDFAK AMQKLSLFGI QTGRRGEIRR RCDAIN
Source	E.coli
Target Names	PER31
Protein Names	Recommended name: Peroxidase 31 Short name= Aterox P31 EC= 1.11.1.7 Alternative name(s): ATP41
Expression Region	20-316
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.