



Recombinant Arabidopsis thaliana Superoxide dismutase [Cu-Zn] (CSD1)

Product Code	CSB-EP022397DOA
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	P24704
Product Type	Recombinant Protein
Immunogen Species	Arabidopsis thaliana (Mouse-ear cress)
Purity	≥85% (SDS-PAGE)
Sequence	AKGVAVLNS SEGVTGTIFF TQEGDGVTTV SGTVSGLKPG LHGFHVHALG DTTNGCMSTG PHFNPDGKTH GAPEDANRHA GDLGNITVGD DGTATFTITD CQIPLTGPNS IVGRAVVVHA DPDDLKGGH ELSLATGNAG GRVACGIIGL QG
Source	E.coli
Target Names	CSD1
Protein Names	Recommended name: Superoxide dismutase [Cu-Zn] EC= 1.15.1.1 Alternative name(s): Copper/zinc superoxide dismutase 1
Expression Region	2-152
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.