



Recombinant Superoxide dismutase [Cu-Zn] (sod-1)

Product Code	CSB-EP022397CXY-B
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	P34697
Product Type	Recombinant Protein
Immunogen Species	Caenorhabditis elegans
Purity	>85% (SDS-PAGE)
Sequence	A QKMSNRAVAV LRGETVTGTI WITQKSENDQ AVIEGEIKGL TPGLHGFHVH QYGDSTNGCI SAGPHFNPFK KTHGGPKSEI RHVGD LGNVE AGADGVAKIK LTDTLVTLYG PNTVVGRSMV VHAGQDDLGE GVGDKAEESK KTG NAGARAA CGVIALAAPQ
Source	E.coli
Target Names	sod-1
Protein Names	Recommended name: Superoxide dismutase [Cu-Zn] EC= 1.15.1.1
Expression Region	20-180
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.