Recombinant Dictyostelium discoideum Superoxide dismutase [Mn], mitochondrial (sod2)

Product Code	CSB-EP684851DKK-B
Abbreviation	sod2
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.	Q55BJ9
Product Type	Recombinant Protein
Immunogen Species	Dictyostelium discoideum (Slime mold)
Purity	>85% (SDS-PAGE)
Sequence	TL PDLPYDYGAL SPVISPEIMT LHHKKHHQTY VNNLNIALDK LSSASSAKDV AQMIALQSAI KFNGGGHVNH SIFWTNLAPK NQDGGVAPSG PLADAINKQY GSIEKLIEKM SAETTAIQGS GWGWLGYDKA NDRLVIQTQQ NQDPLSVSGY VPLLGIDVWE HAYYLDYKNV RADYVKNIWQ IVNWKNVAER YNTAKK
Source	E.coli
Target Names	sod2
Protein Names	Recommended name: Superoxide dismutase [Mn], mitochondrial EC= 1.15.1.1
Expression Region	29-226
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.