



Recombinant Solanum tuberosum Catalase isozyme 2 (CAT2)

Product Code	CSB-EP345061FIG
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.	P55312
Product Type	Recombinant Protein
Immunogen Species	Solanum tuberosum (Potato)
Purity	≥85% (SDS-PAGE)
Sequence	MDPSKYRPSS AYDTPFLTTN AGGPVYNNVS SLTVGPRGPV LLEDYYLIEK LATFDREKIP ERVVHARGAS AKGFFEVTHTD ISHLTCADFL RAPGAQTPVI CRFSTVVHER GSPESIRDIR GFAVKFYTRE GNFDLVGNNV PVFFNRDAKS FPDTIRALKP NPKSHIQENW RILDFFSFLP ESLHTFAFFY DDVCLPTDYR HMEGFGVHAY QLINKEGKAH YVKFHWKPTC GVKSMSEEEA IRVGGTNHSH ATKDLYDSIA AGNYPEWKLF IQTMDPEDVD KDFDPLDVT KTWPEDLLPL IPVGRLVLNR NIDNFFAENE QLAFNPGHIV PGIYSEDKL LQTRIFAYAD TQRHRIGPNY MQLPVNAPKC GHHNNHRDGA MNMTHRDEEV DYLPSRFDPC RPAEQYPIPA CVLNGRRTNC VIPKENNFKQ AGERYRSWES DRQDRYITKW VESLSDPRVT HEIRSIWISY LSQADKSCGQ KVASRLTVKP TM
Source	E.coli
Target Names	CAT2
Protein Names	Recommended name: Catalase isozyme 2 EC= 1.11.1.6
Expression Region	1-492
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 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.