



Recombinant Zea mays Catalase isozyme 2 (CAT2)

Product Code	CSB-YP320092ZAX
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.	P12365
Product Type	Recombinant Protein
Immunogen Species	Zea mays (Maize)
Purity	>85% (SDS-PAGE)
Sequence	MDPYKHRPSS AFNAPYWTTN SGAPVWNND S SLTVGARGPI LLEDYHCEKL ANFDRERIPE RVVHARGASA KGFFEVT HDI THLTCADFLR APGVQTPVIV RFSTVIHERG SPETLRDPRG FAVKFYTREG NWDLVGNNFP VFFIRDGIKF PDMVHALKPN PRTHIQDNWR ILDFFSHP E SLHMFSFLFD DVGIPADYRH MDGSGVHTYT LVSRAGVTY VKFHW RPTCG VRSLMDDEAV RCGANHSHAT KDLTDAIAAG NFPEWTLYIQ TMDPEMEDRL DDL DPLDVTK TPEDTFPLQ PVGRLVLNRN IDNFFAENEQ LAFCPGLIVP GIYYSDDKLL QTRIFSYS DT QRHRLGPNYL LLPANAPKCA HHNNHYDGSM NFMHRHEEVD YFPSRYDAVR NAPRYPIPTA HIAGRREKTV ISKENNFKQP GERYRAMDPA RQERFITRWV DALSDPRLTH EIRTIWLSNW SQADRSLGQK LASRLSAKPS M
Source	Yeast
Target Names	CAT2
Protein Names	Recommended name: Catalase isozyme 2 EC= 1.11.1.6
Expression Region	1-491
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.