



Recombinant *Oryza sativa* subsp. japonica Catalase isozyme B (CATB)

Product Code	CSB-EP603539OFG-B
Abbreviation	CATB
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.	Q0D9C4
Product Type	Recombinant Protein
Immunogen Species	<i>Oryza sativa</i> subsp. japonica (Rice)
Purity	>85% (SDS-PAGE)
Sequence	MDPYKHRPSS GSNSTFWTTN SGAPVWNNNS ALTVGERGPI LLEDYHLIEK LAQFDRERIP ERVVHARGAS AKGFFEVTHTD ISHLTCADFL RAPGVQTPVI VRFSTVVHER GSPETLRDPR GFAVKFYTRE GNFDLVGNM PVFFIRDGMK FPDMVHAFKP SPKTNMQENW RIVDFFSHHP ESLHMFSFLF DDVGIPLNYR HMEGFGVNTY TLINKDGKPH LVKFHWKPTC GVKCLLDDEA VTGGTCHSH ATKDLTDSIA AGNYPEWKLY IQTIDPDHED RFDLFDPLDVT KTWPEDIPL QPVGRMVLNK NIDNFFAENE QLAFCPAIIV PGIHYSDDKL LQTRIFSYAD TQRHRLGPNY LMLPVNAPKC AYHNNHHDGS MNFMHRDEEV NYFPSRFDAA RHAEKVPIPP RVLTGCREKC VIDKENNFQQ AGERYRSFDP ARQDRFLQRW VDALS DPRIT HELRGIWISY WSQC DASLGQ KLASRLNLKP NM
Source	E.coli
Target Names	CATB
Protein Names	Recommended name: Catalase isozyme B Short name= CAT-B 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.