



Recombinant *Oryza sativa* subsp. *japonica* Catalase isozyme A (CATA)

Product Code	CSB-MP610009OFG
Abbreviation	CATA
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.	Q0E4K1
Product Type	Recombinant Protein
Immunogen Species	<i>Oryza sativa</i> subsp. <i>japonica</i> (Rice)
Purity	>85% (SDS-PAGE)
Sequence	MDPCKFRPSS SFDTKTTTTN AGAPVWNDNE ALTVGPRGPI LLEDYHLIEK VAHFARERIP ERVVHARGAS AKGFFECTHD VTDITCADFL RSPGAQTPVI VRFSTVIHER GSPETIRDPR GFAVKFYTRE GNWDLGNF PVFFIRDGIK FPDVIHAFKP NPRSHVQEYW RVFDLFLSHHP ESLHTFFFLF DDVGIPTDYR HMDGFGVNTY TFVTRDAKAR YVKFHWKPTC GVSCLMDDEA TLVGGKNHSH ATQDLYDSIA AGNFPEWKLF VQVIDPEEEE RFDLPLDDT KTPPEDEVPL RPVGRLVLNR NVDNFFNENE QLAFGPGLVV PGIYYSDDKM LQCRVFAYAD TQRYRLGPNY LMLPVNAPKC AHHNNHYDGA MNFMHRDEEV DYYPSRHAPL RHAPPTPITP RPVVGRRQKA TIHKQNDFKQ PGERYRSWAP DRQERFIRRF AGELAHPKVS PELRAIWVNY LSQCDESLGV KIANRLNVKP SM
Source	Mammalian cell
Target Names	CATA
Protein Names	Recommended name: Catalase isozyme A Short name= CAT-A 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.